

October 14, 1996

Mr. Lance R. Richman, P.G.
Emergency and Remedial Response Division
U.S. Environmental Protection Agency
290 Broadway, 19th Floor
New York, New York 10007-1866

Re: Request for Information Under 42 U.S.C §9601 *et seq.*
Diamond Alkali Superfund Site, Passaic River Study Area:
Supplemental Response of Sun Chemical Corporation

Dear Mr. Richman:

This letter responds to the United States Environmental Protection Agency ("US EPA") letter of July 15, 1996 to Sun Chemical Corporation ("Sun Chemical" or "Sun") requesting information pertaining to the above-identified Site ("the Site"). Sun Chemical submitted its original response on August 23, 1996 ("original response"). Sun Chemical hereby supplements its original response with additional information that it has been able to secure pertinent to the Agency's request.

By submitting this supplemental response, Sun Chemical does not waive any of the objections stated in its original response, and hereby incorporates all of its objections from the original response as if fully set forth herein.

Without waiving its general or specific objections, Sun Chemical supplements its responses to certain of the questions as follows. The numbers of the responses correspond to the question numbers in EPA's information request.

11. Provide a copy of each document which relates to the generation, purchase, use, handling, hauling, and/or disposal of all hazardous substances, including, but not limited to, the substances listed in response to item (3) or (4). If you are unable to provide a copy of any document, then identify the document by describing the nature of the document (e.g. letter, file memo, invoice,

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inventory form, billing record, hazardous waste manifest, etc.). Describe the relevant information contained therein. Identify by name and job title the person who prepared the document. If the document is not readily available, state where it is stored, maintained, or why it is unavailable.

Objection: *The scope of this question far exceeds the intended scope of the investigation of the Passaic River Study Site. The question is overly broad. Moreover, Sun objects to the extent that the question was intended to apply to any but its Newark facility as not being relevant to the Site in question. Without waiving its objections, Sun is supplying copies of its 1996 manifests (to date) (annexed hereto as Exhibit 11-1996), 1994 waste manifests (annexed hereto as Exhibit 11-1994) and 1993 waste manifests (annexed hereto as Exhibit 11-1993). (Please note that 1995 manifests were supplied to you with Sun Chemical's initial response.)*

12. a) Did you or anyone else sample the soil, ground water, surface water, ambient air or other environmental media at the facility for purposes other than those identified in questions above?

Objection: *The scope of this question far exceeds the intended scope of the investigation of the Passaic River Study Site. The question is overly broad. Without waiving its objections, Sun hereby submits a copy of its 1995 air emissions sampling data report annexed hereto as Exhibit 12.a - Air. Sun is also including copies of its 1995 and 1996 (to date) MR-2 forms (effluent monitoring reports) concerning its discharge to the Passaic valley Sewerage Commissioners, annexed hereto as Exhibit 12.a - MR2.*

b) If so, please provide all other documents pertaining to the results of these analyses.

See response to 12.a. above.

15. Provide the name, address, telephone number, title and occupation of the person(s) answering this "Request for Information" and state whether such person(s) has personal knowledge of the responses. In addition, identify each person who assisted in any way in responding to the "Request for Information" and specify the question to which each person assisted in responding. Please include the names and addresses of former employees who were contacted to respond to any of the questions.

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Mr. Robert Sharkey
Melvin Cox, Esquire
Mr. Dennis Morrison

If you have any questions, please call me.

Very truly yours,

Dennis Morrison

Enclosures

cc: Amelia Wagner, Esquire, Assistant Regional Counsel

843710003

CERTIFICATION OF ANSWERS TO REQUEST FOR INFORMATION

State of New Jersey :
County of Essex :

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document (response to EPA Request for Information) and all documents submitted herewith, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete, and that all documents submitted herewith are complete and authentic unless otherwise indicated. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. I am also aware that my company is under a continuing obligation to supplement its response to EPA's Request for Information if any additional information relevant to the matters addressed in EPA's Request for Information or the company's response thereto should become known or available to the company.

DENNIS MORRISON
NAME (print or type)

PLANT MANAGER
TITLE (print or type)

Dennis Morrison
SIGNATURE

Sworn to me this 24th day of October, 1996

T. Mezhibovsky
Notary Public

TAMMY MEZHIBOVSKY
Notary Public, State of New Jersey
No. 2160459
Qualified in Union County
Commission Expires December 6, 1998

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bcc: Melvin Cox, Esquire
Mr. Alan Shearer
Mr. James Wiedow
Mr. Robert Sharkey
Ellen Radow Sadat, Esquire
Susan E. Hoffman, Esquire

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EXHIBIT 11 - 1993

Site Name

SUN CHEMICAL CORPORATION
NEWARK, NJ 07105

OFFICIAL USE ONLY

Ann. Fee _____

RA _____

Date _____

Rec'd By _____

EPA ID No.

NJD 002 458 842

1993 FEE VERIFICATION WORKSHEET

INSTRUCTIONS: Complete the below fee category information. If your site is required to submit a fee, then attach the check where indicated.

When submitting multiple reports, each site will require a Fee Verification Worksheet; however, any fees owed may be combined into one check.

Attach check here (do not send cash)

Make Payable to: Treasurer State of New Jersey
Mail Report to: NJDEPE, Bureau of Revenue
Attention: Annual Reports Unit
CN 417
Trenton, New Jersey 08625-0417

Fee Category

- | | | |
|-------------------------------------|----------|--|
| <input type="checkbox"/> | No Fee | This site (company) manifested less than 1.33 tons of hazardous waste for the calendar year. |
| <input type="checkbox"/> | \$125.00 | This site (company) manifested 1.33 tons or more of hazardous waste but less than 10 tons of hazardous waste during the calendar year. |
| <input type="checkbox"/> | \$180.00 | This site (company) manifested 10 tons or more of hazardous waste but less than 100 tons of hazardous waste during the calendar year. |
| <input checked="" type="checkbox"/> | \$300.00 | This site (company) manifested 100 tons or more of hazardous waste but less than 150 tons of hazardous waste during the calendar year. |
| <input type="checkbox"/> | \$400.00 | This site (company) manifested 150 tons or more of hazardous waste during the calendar year. |

843710007

NJD002458842

SUN CHEMICAL CORP

185 FOUNDRY ST

NEWARK, NJ ~~07101~~ 07105

1993 Hazardous Waste Report

**FORM
IC**

INSTRUCTIONS: Read the detailed instructions beginning on page 9 of the 1993 Hazardous Waste Report booklet before completing this form.

Sec. 1 Site name and location address. Complete A through H. Check the box ☒ in items A, C, E, F, G, and H if same as label; if different, enter corrections. If label is absent, enter information. Instruction page 10.

<u> </u>	<u> </u>	<u> </u>	<u> </u>
------------------	------------------	------------------	------------------

ESSEX

D. Has the site name associated with this EPA ID changed since 1991?

☐ 1 Yes
☒ 2 No

G. State	Same as label
----------	---------------

Same as label

ne as label
07/05

A. Is the mailing address the same as the location address? ☒ 1 Yes (SKIP TO SEC. III)
☐ 2 No (GO TO BOX B)

D. State

E. Zip Code

C. Telephone	
--------------	--

MORRISON

DENNIS

R

ENVIRONMENTAL MANAGER

718 981 . 1600
Extension 281

Extension 281

MORRISON

DENNIS

R

ENVIRONMENTAL MANAGER

Dennis L. Marusz

02 25 94

MO. DAY YR.

Sec. V - Generator Status

EPA ID NO.

NJ D 002 458 842

A. 1993 generator status

Instruction page 10

(CHECK ONE BOX BELOW)

- ☒ 1 LQG ☐ 2 FRG ☐ 3 SQG ☐ 4 Non generator
 SKIP to SEC. VI

B. Reason for not generating

Page 12

(CHECK ALL THAT APPLY)

- ☐ 1 Never generated ☐ 5 Periodic or occasional generator
☐ 2 Out of business ☐ 6 Waste minimization activity
☐ 3 Only excluded or delisted waste ☐ 7 Other ((SPECIFY COMMENTS IN BOX BELOW)
☐ 4 Only non-hazardous waste

Sec. VI - On-Site Waste Management Status

A. Storage subject to hazardous waste permitting requirements

Instruction page 13

1

B. Treatment, disposal, or recycling subject to hazardous waste permitting requirements

Page 13

1

C. RCRA-exempt treatment, disposal, or recycling

Page 13

3

Sec. VII - Waste Minimization Activity during 1992 or 1993

A. Did the site begin or expand a source reduction activity during 1992 or 1993?

Page 15

- ☒ 1 Yes
☐ 2 No

B. Did the site begin or expand a recycling activity during 1992 or 1993?

Page 15

- ☒ 1 Yes
☐ 2 No

C. Did the site begin systematically investigate opportunities for source reduction or recycling during 1992 or 1993?

Page 14

- ☒ 1 Yes
☐ 2 No

D. Did any of the factors listed below delay or limit this site's ability to initiate new or additional source reduction activities in 1992 or 1993?

Page 15 (CHECK YES OR NO FOR EACH ITEM)

Yes No

- ☐ 1 ☒ 2 a. Insufficient capital to install new source reduction equipment or implement new source reduction practices
☐ 1 ☒ 2 b. Lack of technical information on source reduction techniques applicable to this specific production processes
☐ 1 ☒ 2 c. Source reduction is not economically feasible: cost savings in waste management or production will not recover the capital investment
☐ 1 ☒ 2 d. Concern that product quality may decline as a result of source reduction
☐ 1 ☒ 2 e. Technical limitations of the production processes
☐ 1 ☒ 2 f. Permitting burdens
☐ 1 ☒ 2 g. Source reduction previously implemented - additional reduction does not appear to be technically feasible
☐ 1 ☒ 2 h. Source reduction previously implemented - additional reduction does not appear to be economically feasible
☐ 1 ☒ 2 i. Source reduction previously implemented - additional reduction does not appear to be feasible due to permitting requirements
☐ 1 ☒ 2 j. Other (SPECIFY COMMENTS IN BOX BELOW)

E. Did any of the factors listed below delay or limit this site's ability to initiate new or additional on-site or off-site recycling activities during 1992 or 1993?

Page 15 (CHECK YES OR NO FOR EACH ITEM)

Yes No

- ☐ 1 ☒ 2 a. Insufficient capital to install new recycling equipment or implement new recycling practice
☐ 1 ☒ 2 b. Lack of technical information on recycling techniques applicable to this site's specific production processes
☐ 1 ☒ 2 c. Recycling is not economically feasible: cost savings in waste management or production will not recover the capital investment
☐ 1 ☒ 2 d. Concern that product quality may decline as a result of recycling
☐ 1 ☒ 2 e. Requirements to manifest wastes inhibit shipments off site for recycling
☐ 1 ☒ 2 f. Financial liability provisions inhibit shipments off site for recycling
☐ 1 ☒ 2 g. Technical limitations of production processes inhibit shipments off site for recycling

Yes No

- ☐ 1 ☒ 2 h. Technical limitations of production processes inhibit on-site recycling
☐ 1 ☒ 2 i. Permitting burdens inhibit recycling
☐ 1 ☒ 2 j. Lack of permitted off-site recycling facilities
☐ 1 ☒ 2 k. Unable to identify a market for recyclable materials
☐ 1 ☒ 2 l. Recycling previously implemented - additional recycling does not appear to be technically feasible
☐ 1 ☒ 2 m. Recycling previously implemented - additionally recycling does not appear to be economically feasible
☐ 1 ☒ 2 n. Recycling previously implemented - additional recycling does not appear to be feasible due to permitting requirements
☐ 1 ☒ 2 o. Other (SPECIFY COMMENTS IN BOX BELOW)

FORM GM

NEW JERSEY DEPARTMENT OF
ENVIRONMENTAL PROTECTION
AND ENERGYBEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL
OR ENTER:

SITE NAME: Sun Chemical Corp
Newark, NJ 07105

EPA ID NO: NJD 002 458 842

FORM
GM

1993 Hazardous Waste Report

WASTE GENERATION
AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1993 Hazardous Waste Report booklet before completing this form.

Sec. I		A. Waste description - Instruction page 18. <u>Flammable liquid paint test waste generated by quality control testing of pigments in laboratory.</u>				
B. EPA hazardous waste code Page 19.			C. State hazardous waste code Page 19.			
<u>D001</u> <u>F003</u> <u>F005</u> <u>D005</u> <u>D007</u> <u>D008</u>			<u>NA</u>			
D. SIC code Page 19.	E. Origin code Page 19.	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA-radioactive mixed Page 20.	
<u>2865</u>	<u>1</u> System type <u>M</u>	<u>A94</u>	<u>2</u>	<u>B209</u>	<u>2</u>	
Sec. II		A. Quantity generated in 1992 Instruction Page 21.				
<u>0</u> <u>0</u>		B. Quantity generated in 1993 Page 21.		C. UOM Density Page 21.		
<u>0</u> <u>0</u>		<u>500</u> <u>0</u>		<u>1</u> <u>0</u> <u>0</u> <u>0</u> <input type="checkbox"/> 1 lbs/gal <input type="checkbox"/> 2 sg		
D. Did this site do any of the following to the waste; treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.		<input type="checkbox"/> 1 Yes (CONTINUE TO SYSTEM 1) <input checked="" type="checkbox"/> 2 No (SKIP TO SEC. III)				
ON-SITE PROCESS SYSTEM 1			ON-SITE PROCESS SYSTEM 2			
On-site system type Page 22.		Quantity treated, disposed or recycled on site in 1993		On-site system type Page 22.		
<u>M</u>		<u>0</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u>		<u>M</u>		
Quantity treated, disposed or recycled on site in 1993		Quantity treated, disposed or recycled on site in 1993				
<u>0</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u>		<u>0</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u>				
Sec. III		A. Was any of this waste shipped off-site in 1993 Instruction Page 23.				
		<input type="checkbox"/> 1 Yes (CONTINUE TO BOX B) <input type="checkbox"/> 2 No (SKIP TO SEC. IV)				
Site 1 B. EPA ID No. of facility waste was shipped to Page 23.		C. System type shipped to Page 23.		D. Off-site availability E. total quantity shipped in code Page 23.		
<u>1ND 006 419 212</u>		<u>M 051</u>		<u>1</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u>		
Site 2 B. EPA ID No. of facility waste was shipped to Page 23.		C. System type shipped to Page 23.		D. Off-site availability E. total quantity shipped in code Page 23.		
<u>0</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u>		<u>M</u>		<u>0</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u>		
Sec. IV		A. Did new activities in 1993 result in minimization of this waste: Instruction Page 23.				
		<input type="checkbox"/> 1 Yes (CONTINUE TO SYSTEM 1) <input checked="" type="checkbox"/> 2 No (THIS FORM IS COMPLETE)				
B. Activity Page 24.		C. Other effects Page 24.		D. Quantity recycled in 1993 due to new activities Page 25.		
<u>W</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u> <u>W</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u>		<input type="checkbox"/> 1 Yes <input type="checkbox"/> 2 No		<u>0</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u>		
E. Activity/ production index Page 24.		F. 1993 source reduction quantity Page 26.				
<u>0</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u>		<u>0</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u> <u>0</u>				

Comments:

Attachment

Attach a list of hazardous waste manifests for this form. The list must include the uniform hazardous waste manifest document number and the date of the shipment. The back of Form GM may be used for this purpose.

Example:

Document Number

NJA123456

NJA123457

Date Shipped

01/01/93

12/31/93

Document Number

INA 0793034

Date Shipped

11/5/93

FORM GM

NEW JERSEY DEPARTMENT OF
ENVIRONMENTAL PROTECTION
AND ENERGY

1993 Hazardous Waste Report

WASTE GENERATION
AND MANAGEMENTFORM
GMBEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL
OR ENTER:SITE NAME: Sun Chemical Corp
Newark, NJ 07105
EPA ID NO: NJID 002 458 842INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1993 Hazardous Waste Report booklet before
completing this form.

Sec. I		A. Waste description - Instruction page 18. <u>PCB contaminated soil generated as part of an ECRA remediation plan.</u>			
B. EPA hazardous waste code Page 19.		C. State hazardous waste code Page 19.			
<u>NA</u> <u>NA</u> <u>NA</u> <u>NA</u> <u>NA</u>		<u>IX751</u>			
D. SIC code Page 19.	E. Origin code Page 19.	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA-radioactive mixed Page 20.
<u>2865</u>	<u>2</u> System type <u>M</u>	<u>A69</u>	<u>8</u>	<u>B 301</u>	<u>2</u>
Sec. II		A. Quantity generated in 1992 Instruction Page 21.			
<u>1264437.0</u>		B. Quantity generated in 1993 Page 21.		C. UOM Density Page 21.	
<u>235090.0</u>		<u>3</u>		<input type="checkbox"/> 1 lbs/gal <input type="checkbox"/> 2 sg	
D. Did this site do any of the following to the waste; treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.					
<input type="checkbox"/> 1 Yes (CONTINUE TO SYSTEM 1) <input checked="" type="checkbox"/> 2 No (SKIP TO SEC. III)					
ON-SITE PROCESS SYSTEM 1			ON-SITE PROCESS SYSTEM 2		
On-site system type Page 22.		Quantity treated, disposed or recycled on site in 1993		On-site system type Page 22.	
<u>M</u>				<u>M</u>	
Sec. III					
A. Was any of this waste shipped off-site in 1993 <input type="checkbox"/> 1 Yes (CONTINUE TO BOX B) <input type="checkbox"/> 2 No (SKIP TO SEC. IV) Instruction Page 23.					
Site 1 B. EPA ID No. of facility waste was shipped to Page 23.		C. System type shipped to Page 23.		D. Off-site availability E. total quantity shipped in code Page 23.	
<u>N40 049 836 679</u>		<u>M 132</u>		<u>1</u> <u>235090.0</u>	
Site 2 B. EPA ID No. of facility waste was shipped to Page 23.		C. System type shipped to Page 23.		D. Off-site availability E. total quantity shipped in code Page 23.	
		<u>M</u>			
Sec. IV					
A. Did new activities in 1993 result in minimization of this waste: <input type="checkbox"/> 1 Yes (CONTINUE TO SYSTEM 1) <input checked="" type="checkbox"/> 2 No (THIS FORM IS COMPLETE) Instruction Page 23.					
B. Activity Page 24.		C. Other effects Page 24.		D. Quantity recycled in 1993 due to new activities Page 25.	
<u>W</u> <u>W</u> <u>W</u> <u>W</u>		<input type="checkbox"/> 1 Yes <input type="checkbox"/> 2 No		<input type="checkbox"/> 1 Yes <input type="checkbox"/> 2 No	
E. Activity/production index Page 24.		F. 1993 source reduction quantity Page 26.			

Comments: SEC I BOX F - ECRA Remediation Action (Previously A66) A66 code no longer exists

Attachment

Attach a list of hazardous waste manifests for this form. The list must include the uniform hazardous waste manifest document number and the date of the shipment. The back of Form GM may be used for this purpose.

Example:Document Number

NJA123456

NJA123457

Date Shipped

01/01/93

12/31/93

Document NumberDate Shipped

NYB 4318875

1/19/93

NYB 4318902

1/19/93

NYB 4318938

1/18/93

NYB 4318974

1/18/93

NYB 4318884

1/18/93

NYB 4318965

1/18/93

NYB 4318983

1/18/93

NYB 4319001

1/18/93

NYB 4318992

1/18/93

NYB 4319019

1/18/93

NYB 4319028

1/18/93

NYB 4319037

1/18/93

NYB 4319055

1/18/93

NYB 4318947

1/18/93

FORM GM

NEW JERSEY DEPARTMENT OF
ENVIRONMENTAL PROTECTION
AND ENERGY

1993 Hazardous Waste Report

FORM
GMWASTE GENERATION
AND MANAGEMENTBEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL
OR ENTER:

SITE NAME:

Sun Chemical Corp
Newark, NJ 07105

EPA ID NO:

NJID 002 458 842

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1993 Hazardous Waste Report booklet before completing this form.

Sec. I		A. Waste description - Instruction page 18. <u>Methanol, water and phosphoric acid waste stream generated by production of organic pigment. Waste is Corrosive and Combustible</u>				
B. EPA hazardous waste code Page 19.		C. State hazardous waste code Page 19.				
<u>F003</u> <u>D001</u> <u>D002</u> <u>NA</u> <u>NA</u>		<u>NA</u>				
D. SIC code Page 19.	E. Origin code Page 19.	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA-radioactive mixed Page 20.	
<u>2865</u>	<u>5</u> System type <u>M 021</u>	<u>A32</u>	<u>1</u>	<u>B 219</u>		
Sec. II		A. Quantity generated in 1992 Instruction Page 21.				
<u>12475678.0</u>		B. Quantity generated in 1993 Page 21.		C. UOM Density Page 21.		
<u>243361200.0</u>		<u>1</u>		D. Did this site do any of the following to the waste; treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.		
		<input type="checkbox"/> 1 lbs/gal <input type="checkbox"/> 2 sg		<input checked="" type="checkbox"/> 1 Yes (CONTINUE TO SYSTEM 1) <input type="checkbox"/> 2 No (SKIP TO SEC. III)		
ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2				
On-site system type Page 22.		Quantity treated, disposed or recycled on site in 1993		On-site system type Page 22.		Quantity treated, disposed or recycled on site in 1993
<u>M 021</u>		<u>3729793.0</u>		<u>M 121</u>		<u>239631407.0</u>
Sec. III		A. Was any of this waste shipped off-site in 1993 Instruction Page 23.				
		<input type="checkbox"/> 1 Yes (CONTINUE TO BOX B) <input checked="" type="checkbox"/> 2 No (SKIP TO SEC. IV)				
Site 1 B. EPA ID No. of facility waste was shipped to Page 23.		C. System type shipped to Page 23.		D. Off-site availability code Page 23.		E. total quantity shipped in
<u> </u>		<u>M</u>		<u> </u>		<u> </u>
Site 2 B. EPA ID No. of facility waste was shipped to Page 23.		C. System type shipped to Page 23.		D. Off-site availability code Page 23.		E. total quantity shipped in
<u> </u>		<u>M</u>		<u> </u>		<u> </u>
Sec. IV		A. Did new activities in 1993 result in minimization of this waste: Instruction Page 23.				
		<input checked="" type="checkbox"/> 1 Yes (CONTINUE TO SYSTEM 1) <input type="checkbox"/> 2 No (THIS FORM IS COMPLETE)				
B. Activity Page 24.		C. Other effects Page 24.		D. Quantity recycled in 1993 due to new activities Page 25.		E. Activity/production index Page 24.
<u>W 00</u> <u>W</u>		<input type="checkbox"/> 1 Yes <input checked="" type="checkbox"/> 2 No		<u>393710.0</u>		<u>MA</u>
<u>W</u> <u>W</u>						<u>NA</u>
F. 1993 source reduction quantity Page 26.						
<u>NA</u>						

Comments: Sec I Box H - Mixture of Methanol, Mineral Spirits, phosphoric acid and water
Sec IV Box B - Increase recycle capability - new distillation system Page 4 of 2

Attachment

Attach a list of hazardous waste manifests for this form. The list must include the uniform hazardous waste manifest document number and the date of the shipment. The back of Form GM may be used for this purpose.

Example:

<u>Document Number</u>	<u>Date Shipped</u>
NJA123456	01/01/93
NJA123457	12/31/93

FORM PS

NEW JERSEY DEPARTMENT OF
ENVIRONMENTAL PROTECTION
AND ENERGY

1993 Hazardous Waste Report

WASTE TREATMENT,
DISPOSAL, OR RECYCLING
PROCESS SYSTEMSFORM
PSBEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL
OR ENTER:SITE NAME: Sun Chemical Corp
Newark, NJ
EPA ID NO: NJD 002 4518 1842

INSTRUCTIONS: Read the detailed instructions beginning on page 33 of the 1993 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste treatment, disposal, or recycling system description
Instruction Page 38.B. System type
Page 38.M 021C. Regulatory status
Page 39.03D. Operational status
Page 39.01E. Unit types
Page 39.01

Sec. II

A. 1993 influent quantity
Instruction Page 40.

UOM Density

Total 2433611200 0 1 RCRA 2433611200 0 ☐ 1 lbs/gal ☐ 2 sgState 2433611200 0B. Maximum operational capacity
Page 41.Total 999999999 9RCRA 999999999 9State 999999999 9C. 1993 liquid effluent quantity
Instruction Page 42.

UOM Density

Total 239631407 0 1 RCRA 239631407 0 ☐ 1 lbs/gal ☐ 2 sgState 239631407 0D. 1993 solid/sludge residual quantity
Page 42.

UOM Density

Total 0 1 RCRA 0 ☐ 1 lbs/gal ☐ 2 sgState 0E. Limitation on maximum operational
capacity
Page 43.1. 08 2. 3. F. Commercial capacity availability
code
Page 43.1G. Percent capacity commercially available
Page 43. 0 %

Comments: Sec II Box A - Values based on total waste water,
 Sec II Box B - Values based on waste water potential
 which equals approximately 36,000,000 # methanol
 Sec II Box C - Limitation on capacity of recycle unit is
 production capacity limited.

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Seun Chemical Corp.
Newark NJ 07105

EPA ID NO: NJID 002 458 842

NEW JERSEY DEPARTMENT OF
ENVIRONMENTAL PROTECTION
AND ENERGY

1993 Hazardous Waste Report

FORM
01

OFF-SITE
IDENTIFICATION

INSTRUCTIONS: Read the detailed instructions on the reverse side before completing this form.

Site 1	A. EPA ID No. of off-site installation or transporter <u>NJID 002 458 842</u>	B. Name of off-site installation or transporter <u>Chemical Waste Management - Chemical Services</u>
C. Handler type (CHECK ALL THAT APPLY) <input type="checkbox"/> Generator <input type="checkbox"/> Transporter <input checked="" type="checkbox"/> TSDR	D. Address of generator Street <u>1550 Balmer Road</u> City <u>Model City</u> State <u>NY</u> Zip <u>114107</u>	
Site 2	A. EPA ID No. of off-site installation or transporter <u>ILID 099 202 681</u>	B. Name of off-site installation or transporter <u>Chemical Waste Management Inc.</u>
C. Handler type (CHECK ALL THAT APPLY) <input type="checkbox"/> Generator <input checked="" type="checkbox"/> Transporter <input type="checkbox"/> TSDR	D. Address of generator Street <u>N/A</u> City _____ State _____ Zip _____	
Site 3	A. EPA ID No. of off-site installation or transporter <u>PAID 014 085 319</u>	B. Name of off-site installation or transporter <u>HORWITH TRUCKING CORP.</u>
C. Handler type (CHECK ALL THAT APPLY) <input type="checkbox"/> Generator <input checked="" type="checkbox"/> Transporter <input type="checkbox"/> TSDR	D. Address of generator Street <u>N/A</u> City _____ State _____ Zip _____	
Site 4	A. EPA ID No. of off-site installation or transporter <u>IND 006 419 212</u>	B. Name of off-site installation or transporter <u>SYSTECH / LONESTAR INDUSTRIES</u>
C. Handler type (CHECK ALL THAT APPLY) <input type="checkbox"/> Generator <input type="checkbox"/> Transporter <input checked="" type="checkbox"/> TSDR	D. Address of generator Street <u>Limedale Road</u> City <u>Greendale, Ind</u> State <u>IND</u> Zip <u>461135</u>	
Site 5	A. EPA ID No. of off-site installation or transporter <u>NJID 054 120 1164</u>	B. Name of off-site installation or transporter <u>Freehold Cartage, Inc.</u>
C. Handler type (CHECK ALL THAT APPLY) <input type="checkbox"/> Generator <input checked="" type="checkbox"/> Transporter <input type="checkbox"/> TSDR	D. Address of generator Street <u>N/A</u> City _____ State _____ Zip _____	

Comments:

843710017

INSTRUCTIONS FOR COMPLETING FORM OI - OFF-SITE IDENTIFICATION

WHO MUST COMPLETE THIS FORM?

Sites required to submit the 1993 Hazardous Waste Report must complete Form OI.

PURPOSE OF THIS FORM

Form OI documents the names and addresses of off-site installations and transporters.

HOW TO COMPLETE THIS FORM

Form OI is divided into five identical parts. You must complete one part for each from each off-site installation to which you shipped hazardous waste, each off-site installation from which you received hazardous waste, and each transporter you used during 1993. If these off-site installations and transporters total more than five, you must photocopy and complete additional copies of the form. You do not need to report the address, Box D, for transporters.

Throughout the form enter "NA" if the information requested is not applicable. Use the Comments section at the bottom of the form to clarify or continue any entry. Reference the comment by entering the site number and box letter.

ITEM-BY-ITEM INSTRUCTIONS

Complete Boxes A through D for each off-site installation to which you shipped hazardous waste and each off-site installation from which you received hazardous waste during 1993.

Complete Boxes A through C for each transporter you used during the year.

Box A: EPA ID No. of off-site installation or transporter

Enter the 12-digit EPA ID number of off-site installation to which you shipped hazardous waste or from which you received hazardous waste. Or, enter the EPA ID number of the transporter who shipped hazardous waste to or from your site. Each EPA ID should appear only once. If the off-site installation or transporter did not have an EPA ID number during 1993, enter "NA" in Box A.

Box B: Name of off-site installation or transporter

Enter the name of the off-site installation or transporter reported in Box A.

Box C: Site Type

Check all boxes that apply to describe the handler type of the off-site or transporter reported in Box A.

Box D: Address of off-site installation

Enter the address of the off-site installation reported in Box A. If the EPA ID number reported in Box A refers to a transporter, enter "NA" in Box D.

Month	Methanol Used (#)	Methanol Recovered (#)	Gallons	Monthly Percentage Recovered	Monthly Water (MGal)	Budget Recovery (%)
Jan 93	767,287	359,319	54,196	46.8	2.85	45.00
Feb 93	633,729	255,553	38,545	40.3	1.97	45.00
Mar 93	728,909	253,014	38,162	34.7	2.68	45.00
Apr 93	582,696	274,343	41,379	47.1	2.24	45.00
May 93	606,060	259,372	39,121	42.8	2.55	45.00
June 93	718,957	259,704	39,171	36.1	2.48	45.00
July 93	192,709	122,655	18,500	63.6	0.83	45.00
Aug 93	- 734,451	319,016	48,117	43.4	3.17	45.00
Sept 93	- 721,393	357,377	53,903	49.5	2.16	65.00
Oct 93	- 740,314	478,892	72,231	64.7	2.29	65.00
Nov 93	- 678,620	486,357	73,357	71.7	2.56	35.00
Dec 93	600,225	304,191	45,881	50.7	3.20	35.00
Totals	7,705,350	3,729,793	562,563	48.4	29.18	

Increased recycle
losses 45% based
32463
145842
181192
34213

393,710 #

Capacity is 36,000,000 MeO

'93 H₂O usage total = 243,361,200 #

~~Waste water~~

Assume Water usage = Waste Water generated

System 1 still → Recycled - 3,729,793 #
MeOH
System 2 neutralization → Treated - balance
243361200 - 37297
= 239631407 #

843710019



PLEASE PRINT OR TYPE

(Form designed for use on elite (12-pitch typewriter).)

Form Approved. OMB No. 2050-0039. Expires 9-30-94

**UNIFORM HAZARDOUS
WASTE MANIFEST**

1. Generator's US EPA No.

Manifest

Document No.

2. Page 1

1 of 1

Information in the shaded areas is not required by Federal law, but items D, F, H, I and K are required by State law.

3. Generator's Name and Mailing Address

Sun Chemical
185 Foundry St.
Newark, N.J. 07105

A. State Manifest Document Number

INA 0793034

B. State Generator's ID

4. Generator's Phone (201) 344-4879

5. Transporter 1 Company Name

Freehold Cartage, Inc.

6. US EPA ID Number

N J D0 5 4 12 6 16 4

C. State Transporter's ID

D. Transporter's Phone 908-462-1001

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address

Systech/Lonestar (Lonestar Industries)
Limedale Rd.
Greencastle, In. 46135

10. US EPA ID Number

I N D 00 6 41 9 21 2

G. State Facility's ID

H. Facility's Phone

317-653-2606

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)

12. Containers

No.

Type

13. Total Quantity

14. Total Wt/Vol.

I. Waste No.

a RQ, Waste Flammable Liquids, N.O.S.
3, UN-1993, PG II, (erg=27) RQ=100
(Xylene & Ethyl Benzene)

00 1 DM 0 00 5 5 G D001

b

c

d

J. Additional Descriptions for Materials Listed Above

F003, F005, D005, D007, D008, F005
Xylene = 73%
Ethyl Benzene = 15%

K. Handling Codes for Wastes Listed Above

T-16

15. Special Handling Instructions and Additional Information

Profile No. VA42401 RT. 000781

Emergency Contact: CHEM TREC 1-800-424-9300

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name

X MATTHEW FREESTONE

Signature

X Matthew Freestone

Month Day Year
11 05 93

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

WALTER W. BROOKS

Signature

Walter W. Brooks

Month Day Year
11 05 93

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year
.

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted Item 19.

Printed/Typed Name

Lori J. Baxter

Signature

Lori J. Baxter

Month Day Year
11 08 93

SYSTECH ENVIRONMENTAL CORPORATION
245 North Valley Road
Xenia, Ohio 45385
(513)372-8077

CERTIFICATE OF DESTRUCTION

This hereby certifies that waste as defined on Hazardous Waste

Manifest No. INA0793034/11043 from SUN CHEMICAL

EPA Identification # NJD002458842, was received by

Systech Environmental Corp., EPA RCRA Permit Identification #

IND006419212.

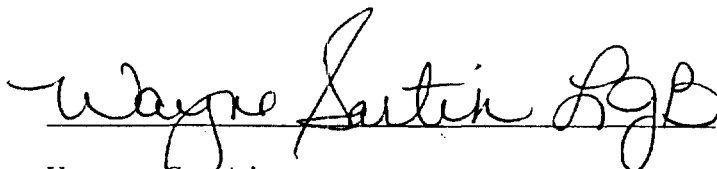
The waste material was received on: 11/08/93

This waste is to be re-used in accordance with Federal
(40 CFR 260 thru 270) and corresponding State hazardous waste
regulations.

Re-use method: Hazardous Waste burned for energy recovery in
a Cement Kiln.

Destruction Commenced on or about the following date*:

11/15/93



Wayne Sartin
Facility Manager

* The date given above refers to when your waste shipment,
which has been processed into fuel, was introduced into the
cement kiln for re-use as a waste fuel.

843710021

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES REGULATION

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Form Approved: OMB No. 2050-0039. Expires 9-30-94

Please print or type. Do not Staple.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. 81000245884200069		Manifest Document No. 1		2. Page 1 of 1		Information in the shaded areas is not required by Federal Law.			
3. Generator's Name and Mailing Address SUB CHEMICAL CORPORATION 185 Foundry Street Newark NJ 07103						A. State Manifest Document No. NY B 431898 3					
4. Generator's Phone (201) 344-4879						B. Generator's ID Same					
5. Transporter 1 (Company Name) HOFFMAN TRUCKS						C. State Transporter's ID (A) 4-879					
6. US EPA ID Number PADO14085319						D. Transporter's Phone (215) 262-2220					
7. Transporter 2 (Company Name)						E. State Transporter's ID NA					
8. US EPA ID Number						F. Transporter's Phone ()					
9. Designated Facility Name and Site Address EQ Hazardous Substance Solid H.O.S. (PCB) WAS 138						G. State Facility's ID Same					
10. US EPA ID Number 1550 BALANCE ROAD						H. Facility's Phone (716) 734-0231					
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)						12. Containers		13. Total Quantity		14. Unit WH/Vol	
a. EQ Hazardous Substance Solid H.O.S. (PCB) WAS 138						No. Type		Est		I. Waste No.	
						0 0 1 0 1		2 0 0 0 0		EPA NA	
b.										STATE 2007	
c.										EPA	
d.										STATE	
J. Additional Descriptions for Materials listed Above						K. Handling Codes for Wastes Listed Above					
a. contaminated soil						a <input type="checkbox"/> c <input type="checkbox"/>					
b.						b <input type="checkbox"/> d <input type="checkbox"/>					
15. Special Handling Instructions and Additional Information Waste Profile No. AB2269 Removal Date: 11/18/93						Certificate of Disposal Required In case of emergency call: (201) 344-4879 NO# 217245					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.						Printed/Typed Name Ed. Hoffman					
						Signature Ed. Hoffman					
						Mo. Day Year 01 18 93					
17. Transporter 1 (Acknowledgement of Receipt of Materials)						Printed/Typed Name Ed. Hoffman					
						Signature Ed. Hoffman					
						Mo. Day Year 01 18 93					
18. Transporter 2 (Acknowledgement or Receipt of Materials)						Printed/Typed Name					
						Signature					
						Mo. Day Year					
19. Discrepancy Indication Space Item K - <input checked="" type="checkbox"/> 15631K											
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						Printed/Typed Name Kathi Villeneuve					
						Signature Kathi Villeneuve					
						Mo. Day Year 01 18 93					



CWM Chemical Services, Inc.

Model City Facility
P.O. Box 200
1550 Balmer Road
Model City, New York 14107
716/754-8231

SUN CHEMICAL CORPORATION
ATTN: MANIFEST SECTION
NJD002458842
185 FOUNDRY ST
NEWARK NJ 07105

CERTIFICATE OF DISPOSAL

Chemical Waste Management, Inc., has received waste material from SUN CHEMICAL CORPORATION on 01/19/93 as described on [State Manifest or Uniform] Hazardous Waste Manifest number NYB4318983 Sequence number 05. Chemical Waste Management, Inc., hereby certifies that the above described material was landfilled on 01/19/93 in accordance with the 40 CFR part 761 as it pertains to the land disposal of Poly-Chlorinated Biphenyl contaminated materials.

Profile Number: AB2269MDC
CWM Tracking ID: 21724500 CWM Drum #: 1 thru 1

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

Kathleen J. Arigoni

KATHLEEN J. ARIGONI
RECORDS SUPERVISOR
Certificate # 5013
01/20/93

FED. EPA ID: NYD049836679

LAND DISPOSAL NOTIFICATION AND CERTIFICATION FORM

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES REGULATION
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212

843710024

Please print or type. Do not Staple.

Form Approved. OMB No. 2050-0039. Expires 9-30-94

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NJ D002458842		Manifest Document No. 010071		2. Page 1		Information in the shaded areas is not required by Federal Law.	
3. Generator's Name and Mailing Address 185 Foundry Street Newark, NJ 07105						A. State Manifest Document No. NY B 431890 2			
4. Generator's Phone (201) 344-4879						B. Generator's ID Same			
5. Transporter 1 (Company Name)				6. US EPA ID Number		C. State Transporter's ID			
7. Transporter 2 (Company Name)				8. US EPA ID Number		D. Transporter's Phone ()			
9. Designated Facility Name and Site Address 90 Hazardous Substance Solid H.O.S (PCB) 185182 CUM Chemical Services						10. US EPA ID Number 1550 Balmer Rd Model City, NY 1407 NY D049836679			
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)						12. Containers		13. Total Quantity	
a. 90 Hazardous Substance Solid H.O.S (PCB) 185182						No. Type		Unit	
						001 D T 20000		K	
b.								EPA	
c.								STATE	
d.								EPA	
								STATE	
J. Additional Descriptions for Materials listed Above						K. Handling Codes for Wastes Listed Above			
a. PCB Contaminated soil & debris						a		c	
b.						b		d	
15. Special Handling Instructions and Additional Information Waste Profile # AB2269 Removal Date: 1/14/93									
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.									
Printed/Typed Name John Hall				Signature <i>[Signature]</i>				Mo. Day Year 01 19 93	
17. Transporter 1 (Acknowledgement of Receipt of Materials)				Signature <i>[Signature]</i>				Mo. Day Year 01 19 93	
18. Transporter 2 (Acknowledgement or Receipt of Materials)				Signature <i>[Signature]</i>				Mo. Day Year 01 19 93	
19. Discrepancy Indication Space ITEM S: HORN WITH TRACKING ITEM C: PAD 044035819 ITEM C: TBV4968 (PA) ITEM D: 215-261-2220 ACTUAL QUAN: REC'D: 16946K WEIGHT ESTIMATED: GENERATOR									
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest RESERVED FOR USE BY FACILITY									
Printed/Typed Name T.F. Brady, Sr				Signature <i>[Signature]</i>				Mo. Day Year 01 20 93	

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Dept. of Environmental Conservation (518) 457-7362.



CWM Chemical Services, Inc.

Model City Facility
P.O. Box 200
1550 Balmer Road
Model City, New York 14107
716/754-8231

SUN CHEMICAL CORPORATION
ATTN: MANIFEST SECTION
NJD002458842
185 FOUNDRY ST
NEWARK NJ 07105

CERTIFICATE OF DISPOSAL

Chemical Waste Management, Inc., has received waste material from SUN CHEMICAL CORPORATION on 01/20/93 as described on [State Manifest or Uniform] Hazardous Waste Manifest number NYB4318902 Sequence number 05. Chemical Waste Management, Inc., hereby certifies that the above described material was landfilled on 01/20/93 in accordance with the 40 CFR part 761 as it pertains to the land disposal of Poly-Chlorinated Biphenyl contaminated materials.

Profile Number: AB2269MDC
CWM Tracking ID: 21746200 CWM Drum #: 1

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

Kathleen J. Arigoni

KATHLEEN J. ARIGONI
RECORDS SUPERVISOR
Certificate # 5093
01/21/93

FED. EPA ID: NYD049836679

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES REGULATION

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Form Approved. OMB No. 2050-0039. Expires 9-30-94

Please print or type. Do not Staple.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NJ D00243884200076		Manifest Document No. 1		2. Page 1 of 1		Information in the shaded areas is not required by Federal Law.	
3. Generator's Name and Mailing Address Sam Chemical Corporation 185 Paddy Street Newark, NJ 07105				A. State Manifest Document No. NY B 431887 5		B. Generator's ID Same			
4. Generator's Phone (201) 344-4879				5. Transporter 1 (Company Name) Horvath Trucks		6. US EPA ID Number PAD014985319		C. State Transporter's ID PA-TV40163	
7. Transporter 2 (Company Name)				8. US EPA ID Number		D. Transporter's Phone 215 261 2270		E. State Transporter's ID WA 317	
9. Designated Facility Name and Site Address NO Hazardous Substance Solid W.O.S. (PCB) MA9188 CWM Chemical Services				10. US EPA ID Number 1550 Balmer Rd model city NY 4107 NY D049836679		G. State Facility's ID Same		H. Facility's Phone (716) 754-8231	
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)				12. Containers		13. Total Quantity		14. Unit	
a. NO Hazardous Substance Solid W.O.S. (PCB) MA9188				No. Type		Est.		Wt/Vol	
				001 DT		20000		K	
b.								EPA	
								STATE	
c.								EPA	
								STATE	
d.								EPA	
								STATE	
J. Additional Descriptions for Materials Listed Above				K. Handling Codes for Wastes Listed Above					
a. PCB Contaminated soil & debris				a		c			
b.				b		d			
15. Special Handling Instructions and Additional Information				Certificate of Disposal Required					
Waste Profile # AB2269				W.O.# 217463					
Removal Date: 1/19/93				In case of emergency call: (201) 344-4879					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.									
If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.									
Printed/Typed Name John Hadd				Signature <i>[Signature]</i>				Mo. Day Year 10/1/94	
17. Transporter 1 (Acknowledgement of Receipt of Materials)									
Printed/Typed Name Robert G. G.				Signature <i>[Signature]</i>				Mo. Day Year 01/19/93	
18. Transporter 2 (Acknowledgement of Receipt of Materials)									
Printed/Typed Name				Signature				Mo. Day Year	
19. Discrepancy Indication Space				ITEM G: PAD064035819 ITEM K: [X]					
ACTUAL QUANTITY RECEIVED: 14424 K									
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.									
Printed/Typed Name T.F. Brady, Jr.				Signature <i>[Signature]</i>				Mo. Day Year 01/29/93	

EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY 5 - Generator-mailed by TSD facility

843710026

CWM-2001A (11/91)

Generator Copy - Remove this copy prior to shipping and keep with manifest records

In case of emergency or spill immediately call the National Response Center (800) 424-9802 and the N.Y. Dept. of Environmental Conservation (518) 457-7362.



CWM Chemical Services, Inc.

Model City Facility
P.O. Box 200
1550 Balmer Road
Model City, New York 14107
716/754-8231

SUN CHEMICAL CORPORATION
ATTN: MANIFEST SECTION
NJD002458842
185 FOUNDRY ST
NEWARK NJ 07105

CERTIFICATE OF DISPOSAL

Chemical Waste Management, Inc., has received waste material from SUN CHEMICAL CORPORATION on 01/20/93 as described on [State Manifest or Uniform] Hazardous Waste Manifest number NYB4318875 Sequence number 05. Chemical Waste Management, Inc., hereby certifies that the above described material was landfilled on 01/20/93 in accordance with the 40 CFR part 761 as it pertains to the land disposal of Poly-Chlorinated Biphenyl contaminated materials.

Profile Number: AB2269MDC
CWM Tracking ID: 21746300 CWM Drum #: 1

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

Kathleen J. Arigoni

KATHLEEN J. ARIGONI
RECORDS SUPERVISOR
Certificate # 5094
01/21/93

FED. EPA ID: NYD049836679



HAZARDOUS WASTE MANIFEST AND CERTIFICATION FORM

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES REGULATION

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please print or type. Do not Staple.

Form Approved. OMB No. 2050-0039. Expires 9-30-94

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NJ D002458842000063		Manifest Document No. 1		2. Page 1 of 1		Information in the shaded areas is not required by Federal Law.							
3. Generator's Name and Mailing Address 185 Foundry Street Newark NJ 07105				A. State Manifest Document No. NY B 431905 5		B. Generator's ID Same									
4. Generator's Phone (201) 344-4879				C. State Transporter's ID (NJ) T7609E		D. Transporter's Phone (201) 465-2121									
5. Transporter 1 (Company Name) CHEMICAL WASTE MANAGEMENT INC				6. US EPA ID Number ILD099202681		E. State Transporter's ID NA									
7. Transporter 2 (Company Name)				8. US EPA ID Number		F. Transporter's Phone () NA									
9. Designated Facility Name and Site Address EQ Hazardous Substance Solid H.O.S. (PCB) NA9188				10. US EPA ID Number 1550 BALMER ROAD		G. State Facility's ID Same									
MODEL CITY, NY 1407				ND049836679		H. Facility's Phone (716) 735-8231									
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number) a. EQ Hazardous Substance Solid H.O.S. (PCB) NA9188 b. c. d.				12. Containers		13. Total Quantity		14. Unit		15. Waste No.					
				No. Type		Est		Wt/Vol		EPA		STATE			
				0010T20000		X		X		NA		NA			
										EPA		STATE			
										EPA		STATE			
J. Additional Descriptions for Materials listed Above PCB contaminated soil and debris.				K. Handling Codes for Wastes Listed Above											
a				c				a				c			
b				d				b				d			
15. Special Handling Instructions and Additional Information W.D. # 217223 Waste Profile No. AB2269 Removal Date: 1/18/93 Certificate of Disposal Required. In case of emergency call: (201) 344-4879															
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.															
Printed/Typed Name Joseph A. ...				Signature <i>[Signature]</i>				Mo. Day Year 01/18/93							
17. Transporter 1 (Acknowledgement of Receipt of Materials)				Printed/Typed Name Robert G. Dingusheimier				Signature <i>[Signature]</i>				Mo. Day Year 01/18/93			
18. Transporter 2 (Acknowledgement or Receipt of Materials)				Printed/Typed Name				Signature				Mo. Day Year			
19. Discrepancy Indication Space Actual Qty Recd 18334 K Item K-L															
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.															
Printed/Typed Name KATH VILLENEUVE				Signature <i>[Signature]</i>				Mo. Day Year 01/19/93							



CWM Chemical Services, Inc.

Model City Facility
P.O. Box 200
1550 Balmer Road
Model City, New York 14107
716/754-8231

SUN CHEMICAL CORPORATION
ATTN: MANIFEST SECTION
NJD002458842
185 FOUNDRY ST
NEWARK NJ 07105

CERTIFICATE OF DISPOSAL

Chemical Waste Management, Inc., has received waste material from SUN CHEMICAL CORPORATION on 01/19/93 as described on [State Manifest or Uniform] Hazardous Waste Manifest number NYB4319055 Sequence number 05. Chemical Waste Management, Inc., hereby certifies that the above described material was landfilled on 01/19/93 in accordance with the 40 CFR part 761 as it pertains to the land disposal of Poly-Chlorinated Biphenyl contaminated materials.

Profile Number: AB2269MDC
CWM Tracking ID: 21722300 CWM Drum #: 1 thru 1

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

Kathleen J. Arigoni

KATHLEEN J. ARIGONI
RECORDS SUPERVISOR
Certificate # 4998
01/20/93

FED. EPA ID: NYD049836679

LAND DISPOSAL NOTIFICATION AND CERTIFICATION FORM

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES REGULATION

HAZARDOUS WASTE MANIFEST

Please print or type. Do not Staple.

P.O. Box 12820, Albany, New York 12212

Form Approved. OMB No. 2050-0039. Expires 9-30-94

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NY 000245884200064		Manifest Document No.		2. Page 1 of 1		Information in the shaded areas is not required by Federal Law.			
3. Generator's Name and Mailing Address 100 Foundry Street Newark NJ 07105						A. State Manifest Document No. NY B 431903 7					
4. Generator's Phone (201) 344-4879						B. Generator's ID Same					
5. Transporter 1 (Company Name) CHEMICAL WASTE MANAGEMENT						C. State Transporter's NY T 938 SH					
6. US EPA ID Number IDA 099202681						D. Transporter's Phone (201) 465-2121					
7. Transporter 2 (Company Name)						E. State Transporter's ID NA					
8. US EPA ID Number						F. Transporter's Phone () NA					
9. Designated Facility Name and Site Address AND (NEW) HAZARDOUS SUBSTANCE SOLID W.O.S. CWM CHEMICAL SERVICES 1550 GALMER ROAD MODEL CITY NY 14107						G. State Facility's ID Same					
10. US EPA ID Number NY D 049836679						H. Facility's Phone (716) 754-8231					
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)						12. Containers		13. Total Quantity		14. Unit	
a. HAZARDOUS SUBSTANCE SOLID W.O.S. (PCB) NA9188						No. 60 Type DRUM		20000		I. Waste No. EPA NA STATE 1007	
b.										EPA STATE	
c.										EPA STATE	
d.										EPA STATE	
J. Additional Descriptions for Materials listed Above PCB contaminated soil and debris.						K. Handling Codes for Wastes Listed Above L					
a.						c.					
b.						d.					
15. Special Handling Instructions and Additional Information Waste Profile No. AB2269 Removal Date: 1/18/93						W.O. # 217224 Certificate of Disposal Required In case of emergency call: (201) 344-4879					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.											
Printed/Typed Name Supra						Signature [Signature] Mo. Day Year 01/18/93					
17. Transporter 1 (Acknowledgement of Receipt of Materials)											
Printed/Typed Name MANUEL PEREIRA						Signature [Signature] Mo. Day Year 01/18/93					
18. Transporter 2 (Acknowledgement or Receipt of Materials)											
Printed/Typed Name						Signature Mo. Day Year					
19. Discrepancy Indication Space											
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.											
Printed/Typed Name Kathi Villeneuve						Signature [Signature] Mo. Day Year 01/17/93					



CWM Chemical Services, Inc.

Model City Facility
P.O. Box 200
1550 Balmer Road
Model City, New York 14107
716/754-8231

SUN CHEMICAL CORPORATION
ATTN: MANIFEST SECTION
NJD002458842
185 FOUNDRY ST
NEWARK NJ 07105

CERTIFICATE OF DISPOSAL

Chemical Waste Management, Inc., has received waste material from SUN CHEMICAL CORPORATION on 01/19/93 as described on [State Manifest or Uniform] Hazardous Waste Manifest number NYB4319037 Sequence number 05. Chemical Waste Management, Inc., hereby certifies that the above described material was landfilled on 01/19/93 in accordance with the 40 CFR part 761 as it pertains to the land disposal of Poly-Chlorinated Biphenyl contaminated materials.

Profile Number: AB2269MDC
CWM Tracking ID: 21722400 CWM Drum #: 1 thru 1

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

Kathleen J. Arigoni

KATHLEEN J. ARIGONI
RECORDS SUPERVISOR
Certificate # 4999
01/20/93

FED. EPA ID: NYD049836679

41-7f

843710032

P.O. Box 12820, Albany, New York 12212

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Form Approved, OMB No. 2050-0039, Expires 9-30-94

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Dept. of Environmental Conservation (518) 457-7362.



CWM Chemical Services, Inc.

Model City Facility
P.O. Box 200
1550 Balmer Road
Model City, New York 14107
716/754-8231

SUN CHEMICAL CORPORATION
ATTN: MANIFEST SECTION
NJDO02458842
185 FOUNDRY ST
NEWARK NJ 07105

CERTIFICATE OF DISPOSAL

Chemical Waste Management, Inc., has received waste material from SUN CHEMICAL CORPORATION on 01/19/93 as described on [State Manifest or Uniform] Hazardous Waste Manifest number NYB4319028 Sequence number 05. Chemical Waste Management, Inc., hereby certifies that the above described material was landfilled on 01/19/93 in accordance with the 40 CFR part 761 as it pertains to the land disposal of Poly-Chlorinated Biphenyl contaminated materials.

Profile Number: AB2269MDC
CWM Tracking ID: 21722500 CWM Drum #: 1 thru 1

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

Kathleen J. Arigoni

KATHLEEN J. ARIGONI
RECORDS SUPERVISOR
Certificate # 5000
01/20/93

FED. EPA ID: NYD049836679

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES REGULATION

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Form Approved. OMB No. 2050-0039. Expires 9-30-94

Please print or type. Do not Staple.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. 8 J D 0 0 2 4 5 8 8 4 2 0 0 0 6 6		Manifest Document No.		2. Page 1 of 1		Information in the shaded areas is not required by Federal Law.	
3. Generator's Name and Mailing Address 185 Foundry Street Newark NJ 07105				308 CHEMICAL CORPORATION		A. State Manifest Document No. NY-B 431901 9			
4. Generator's Phone (201) 344-4879						B. Generator's ID Same			
5. Transporter 1 (Company Name) CHEMICAL WASTE MINE				6. US EPA ID Number IL 8099202631		C. State Transporter's ID T371 LWN			
7. Transporter 2 (Company Name)				8. US EPA ID Number		D. Transporter's Phone ()			
9. Designated Facility Name and Site Address 40 Hazardous Substances Solid H.O.S. (PCB) NA188 MOORE CITY NY 14107				10. US EPA ID Number CWM CHEMICAL SERVICES 1550 BALTIMORE ROAD MOORE CITY NY 14107		G. State Facility's ID NA			
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number) a. Hazardous Substance Solid H.O.S. (PCB) NA188				12. Containers No. Type		13. Total Quantity Est. 001 D T 20000		14. Unit Wt/Vol	
								I. Waste No. EPA NA STATE 1007	
b.								EPA STATE	
c.								EPA STATE	
d.								EPA STATE	
J. Additional Descriptions for Materials listed Above PCB contaminated soil and debris.						K. Handling Codes for Wastes Listed Above			
a						a			
b						b			
15. Special Handling Instructions and Additional Information Waste Profile No. AB2269 Removal Date: 1/10/93 NO# 217230 Certificate of Disposal Required. In case of emergency call: (201) 344-4879									
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.									
Printed/Typed Name Philip E. Smith				Signature Philip E. Smith				Mo. Day Year 01 18 93	
17. Transporter 1 (Acknowledgement of Receipt of Materials) Printed/Typed Name Philip E. Smith				Signature Philip E. Smith				Mo. Day Year 01 18 93	
18. Transporter 2 (Acknowledgement or Receipt of Materials) Printed/Typed Name				Signature				Mo. Day Year	
19. Discrepancy Indication Space Item K - 18000K									
20. Facility Owner/Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.									
Printed/Typed Name Dm Pietraszewski				Signature Dm Pietraszewski				Mo. Day Year 01 18 93	

EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY 5—Generator-mailed by TSD facility

843710034

CWM-2001A (11/91)

Generator Copy—Remove this copy prior to shipping and keep with manifest records



CWM Chemical Services, Inc.

Model City Facility
P.O. Box 200
1550 Balmer Road
Model City, New York 14107
716/754-8231

SUN CHEMICAL CORPORATION
ATTN: MANIFEST SECTION
NJD002458842
185 FOUNDRY ST
NEWARK NJ 07105

CERTIFICATE OF DISPOSAL

Chemical Waste Management, Inc., has received waste material from SUN CHEMICAL CORPORATION on 01/19/93 as described on [State Manifest or Uniform] Hazardous Waste Manifest number NYB4319019 Sequence number 05. Chemical Waste Management, Inc., hereby certifies that the above described material was landfilled on 01/19/93 in accordance with the 40 CFR part 781 as it pertains to the land disposal of Poly-Chlorinated Biphenyl contaminated materials.

Profile Number: AB2269MDC
CWM Tracking ID: 21723000 CWM Drum #: 1 thru 1

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

Kathleen J. Arigoni

KATHLEEN J. ARIGONI
RECORDS SUPERVISOR
Certificate # 5003
01/20/93

FED. EPA ID: NYD049836679

HAZARDOUS WASTE MANIFEST AND DISPOSAL NOTIFICATION AND CERTIFICATION FORM

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES REGULATION

843710036

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please print or type. Do not Staple.

Form Approved. OMB No. 2050-0039. Expires 9-30-94

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. N J D 00245884 200068		Manifest Document No.		2. Page 1 of 1		Information in the shaded areas is not required by Federal Law.	
3. Generator's Name and Mailing Address 185 Foundry Street Newark NJ 07105				4. Generator's Phone (201) 344-4879		A. State Manifest Document No. NY B 431900 1			
5. Transporter 1 (Company Name) CHEMICAL WASTE MANAGEMENT				6. US EPA ID Number ILD099202681		C. State Transporter's ID NY T 4220			
7. Transporter 2 (Company Name)				8. US EPA ID Number		D. Transporter's Phone (201) 465-1211			
9. Designated Facility Name and Site Address NO Hazardous Substance Solid W.O.S. (PCB) NA9133				10. US EPA ID Number 1550 BALMER ROAD		E. State Transporter's ID NA			
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number) a. NO Hazardous Substance Solid W.O.S. (PCB) NA9133				12. Containers No. Type		13. Total Quantity		14. Unit Wt/Vol	
								I. Waste No. EPA NA STATE 1007	
								EPA STATE	
								EPA STATE	
								EPA STATE	
Additional Descriptions for Materials listed Above PCB contaminated soil and fabric.				K. Handling Codes for Wastes Listed Above					
a				c		a		c	
b				d		b		d	
15. Special Handling Instructions and Additional Information Waste Profile No. AB2269 Removal Date: 1/18/93 NO # 217234 Certificate of Disposal Required In case of emergency call: (201) 344-4879 DEC 17 1993									
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.									
Printed/Typed Name John Villeneuve				Signature <i>[Signature]</i>				Mo. Day Year 01/18/93	
17. Transporter 1 (Acknowledgement of Receipt of Materials)				18. Transporter 2 (Acknowledgement of Receipt of Materials)					
Printed/Typed Name Andrew S. Sissick				Signature <i>[Signature]</i>				Mo. Day Year 11/18/93	
Printed/Typed Name				Signature				Mo. Day Year	
19. Discrepancy Indication Space None									
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.									
Printed/Typed Name Kathi Villeneuve				Signature <i>[Signature]</i>				Mo. Day Year 01/19/93	



CWM Chemical Services, Inc.

Model City Facility
P.O. Box 200
1550 Balmer Road
Model City, New York 14107
716/754-8231

SUN CHEMICAL CORPORATION
ATTN: MANIFEST SECTION
NJD002458842
185 FOUNDRY ST
NEWARK NJ 07105

CERTIFICATE OF DISPOSAL

Chemical Waste Management, Inc., has received waste material from SUN CHEMICAL CORPORATION on 01/19/93 as described on [State Manifest or Uniform] Hazardous Waste Manifest number NYB4319001 Sequence number 05. Chemical Waste Management, Inc., hereby certifies that the above described material was landfilled on 01/19/93 in accordance with the 40 CFR part 761 as it pertains to the land disposal of Poly-Chlorinated Biphenyl contaminated materials.

Profile Number: AB2269MDC
CWM Tracking ID: 21723400 CWM Drum #: 1 thru 1

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

Kathleen J. Arigoni

KATHLEEN J. ARIGONI
RECORDS SUPERVISOR
Certificate # 5007
01/20/93

FED. EPA ID: NYD049836679

- 1 -

LAND DISPOSAL NOTIFICATION AND CERTIFICATION FORM

9-71

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES REGULATION
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212

843710038

Please print or type. Do not Staple.

Form Approved. OMB No. 2050-0039. Expires 9-30-94

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NY J D 0 0 2 4 3 8 8 + 2 0 0 0 6 7		Manifest Document No. 1		2. Page 1 of 1		Information in the shaded areas is not required by Federal Law.	
3. Generator's Name and Mailing Address SON CHEMICAL CORPORATION 185 Foundry Street Newark NJ 07102				A. State Manifest Document No. NY B 431899 2		B. Generator's ID Same			
4. Generator's Phone (201) 344-4879				C. State Transporter's ID (PATV4055)		D. Transporter's Phone (215) 262-2220			
5. Transporter 1 (Company Name) HORN WITH TRUCKS				6. US EPA ID Number PAD 014085319		E. State Transporter's ID NA			
7. Transporter 2 (Company Name)				8. US EPA ID Number		F. Transporter's Phone ()			
9. Designated Facility Name and Site Address PCB Hazardous Substance Solid W.O.S. (PCB) NA9138 1550 BALMER ROAD MIDDLE CITY NY 14107				10. US EPA ID Number NY J D 0 0 4 9 8 3 6 6 7 9		G. State Facility's ID SAME			
H. Facility's Phone (716) 754-8231				11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers		13. Total Quantity	
a. PCB contaminated soil and debris. (PCB) NA9138						No. Type		14. Unit (Wt/Vol)	
						0 0 1 B T 2 0 0 0 0 K		I. Waste No. EPA NA9138	
b.								STATE	
c.								STATE	
d.								STATE	
J. Additional Descriptions for Materials listed Above PCB contaminated soil and debris.				K. Handling Codes for Wastes Listed Above					
a				c		a		c	
b				d		b		d	
15. Special Handling Instructions and Additional Information Waste Profile No. AX2269 Removal Date: 1/18/93									
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.									
Printed/Typed Name Joseph A. Kemmerer				Signature <i>Joseph A. Kemmerer</i>				Mo. Day Year 01/18/93	
17. Transporter 1 (Acknowledgement of Receipt of Materials)				Printed/Typed Name JOSEPH KEMMERER				Signature <i>Joseph A. Kemmerer</i>	
18. Transporter 2 (Acknowledgement or Receipt of Materials)				Printed/Typed Name				Signature	
19. Discrepancy Indication Space Item K - <input checked="" type="checkbox"/> actual qty. rec'd 18498 K									
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.									
Printed/Typed Name Dm Pietraszewski				Signature <i>Dm Pietraszewski</i>				Mo. Day Year 01/18/93	



CWM Chemical Services, Inc.

Model City Facility
P.O. Box 200
1550 Balmer Road
Model City, New York 14107
716/754-8231

SUN CHEMICAL CORPORATION
ATTN: MANIFEST SECTION
NJD002458842
185 FOUNDRY ST
NEWARK NJ 07105

CERTIFICATE OF DISPOSAL

Chemical Waste Management, Inc., has received waste material from SUN CHEMICAL CORPORATION on 01/19/93 as described on [State Manifest or Uniform] Hazardous Waste Manifest number NYB4318992 Sequence number 05. Chemical Waste Management, Inc., hereby certifies that the above described material was landfilled on 01/19/93 in accordance with the 40 CFR part 761 as it pertains to the land disposal of Poly-Chlorinated Biphenyl contaminated materials.

Profile Number: AB2269MDC
CWM Tracking ID: 21724100 CWM Drum #: 1 thru 1

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

Kathleen J. Arigoni

KATHLEEN J. ARIGONI
RECORDS SUPERVISOR
Certificate # 5009
01/20/93

FED. EPA ID: NYD049836679

LAND DISPOSAL NOTIFICATION AND CERTIFICATION FORM

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES REGULATION

843710040

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Form Approved. OMB No. 2050-0039. Expires 9-30-94

Please print or type. Do not Staple.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NJ D000245804200073		Manifest Document No. 1		2. Page 1 of 1		Information in the shaded areas is not required by Federal Law.	
3. Generator's Name and Mailing Address Sum Chemical Corporation 185 Foundry Street Newark, NJ 07105				A. State Manifest Document No. NY B 431888 4					
4. Generator's Phone (201) 344-4879				B. Generator's ID None					
5. Transporter 1 (Company Name) CHEMICAL WASTE MANAGEMENT				6. US EPA ID Number ILD09920268					
7. Transporter 2 (Company Name)				8. US EPA ID Number					
9. Designated Facility Name and Site Address NO Hazardous Substance Solid H.O.S (PCB) NA9188 CWM CHEMICAL SERVICES				10. US EPA ID Number 1550 BALMAR ROAD MODEL CITY NY 14107 NY D049836679					
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)				12. Containers		13. Total Quantity		14. Unit	
a. NO Hazardous Substance Solid H.O.S (PCB) NA9188				No. Type		Quantity		Wt/Vol	
				001 DT		est. 20000		X	
b.								EPA Waste No. N/A	
c.								STATE 0007	
d.								EPA STATE	
J. Additional Descriptions for Materials listed Above				K. Handling Codes for Wastes Listed Above					
a. PCB Contaminated soil & debris				a		b		c	
b.				d		e		f	
15. Special Handling Instructions and Additional Information Waste Profile # AB2269 Removal Date: 1/18/93				NO# 217231 722 Certificate of Disposal Required In case of emergency call: (201) 344-4879					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.				Printed/Typed Name John H. Hani					
17. Transporter 1 (Acknowledgement of Receipt of Materials)				Signature Joseph Mataluso		Mo. Day Year 01/18/93			
18. Transporter 2 (Acknowledgement or Receipt of Materials)				Signature Joseph Mataluso		Mo. Day Year 01/18/93			
19. Discrepancy Indication Space H-m K-[L]				H-m 17-should be dated 01-18-93 Arrival at Y. Rec'd 15196K					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.				Printed/Typed Name Kathy Villeneuve		Signature Kathy Villeneuve		Mo. Day Year 01/19/93	



CWM Chemical Services, Inc.

Model City Facility
P.O. Box 200
1550 Balmer Road
Model City, New York 14107
716/754-8231

SUN CHEMICAL CORPORATION
ATTN: MANIFEST SECTION
NJDO02458842
185 FOUNDRY ST
NEWARK NJ 07105

CERTIFICATE OF DISPOSAL

Chemical Waste Management, Inc., has received waste material from SUN CHEMICAL CORPORATION on 01/19/93 as described on [State Manifest or Uniform] Hazardous Waste Manifest number NYB4318884 Sequence number 05. Chemical Waste Management, Inc., hereby certifies that the above described material was landfilled on 01/19/93 in accordance with the 40 CFR part 761 as it pertains to the land disposal of Poly-Chlorinated Biphenyl contaminated materials.

Profile Number: AB2269MDC
CWM Tracking ID: 21723100 CWM Drum #: 1 thru 1

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

Kathleen J. Arigoni

Kathleen J. Arigoni

KATHLEEN J. ARIGONI
RECORDS SUPERVISOR
Certificate # 5004
01/20/93

FED. EPA ID: NYD049836679

843710041

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES REGULATION

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Form Approved. OMB No. 2050-0039. Expires 9-30-94

Please print or type. Do not Staple.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NYD00245884		Manifest Document No. 100070		2. Page 1 of 1		Information in the shaded areas is not required by Federal Law.			
3. Generator's Name and Mailing Address SUN CHEMICAL CORPORATION 185 Foundry Street Newark NJ 07105						A. State Manifest Document No. NY B 431896 5					
4. Generator's Phone (201) 344-4879						B. Generator's ID Same					
5. Transporter 1 (Company Name) HORNETH TRUCKS						C. State Transporter's ID (N) 262-2222					
6. US EPA ID Number PA0014085319						D. Transporter's Phone (215) 262-2222					
7. Transporter 2 (Company Name)						E. State Transporter's ID NA					
8. US EPA ID Number						F. Transporter's Phone () NA					
9. Designated Facility Name and Site Address NO Hazardous Substances Solid W.O.S. 1550 BALMAIN RD (PCB) RA9188 CWM CHEMICAL SERVICES						10. US EPA ID Number NYD049835679					
G. State Facility's ID Same						H. Facility's Phone (716) 754-3231					
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)						12. Containers		13. Total Quantity		14. Unit	
a. NO Hazardous Substance Solid W.O.S. (PCB) RA9188						No. Type		Est.		Wt/Vol	
						001 DE 20000		K		EPA	
										STATE	
										EPA	
										STATE	
										EPA	
										STATE	
J. Additional Descriptions for Materials listed Above						K. Handling Codes for Wastes Listed Above					
a. NO CONTAMINATED SOIL & DEBRIS						a. <input type="checkbox"/>					
b. NO CONTAMINATED SOIL & DEBRIS						b. <input type="checkbox"/>					
c. NO CONTAMINATED SOIL & DEBRIS						c. <input type="checkbox"/>					
d. NO CONTAMINATED SOIL & DEBRIS						d. <input type="checkbox"/>					
15. Special Handling Instructions and Additional Information Waste Profile NO. AB2249 Removal Date: 1/18/93						NO* 717242 Certificate of Disposal Required In case of emergency call: (201) 344-4879					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.						Printed/Typed Name Francis E Roth					
						Signature Francis E Roth					
						Mo. Day Year 01 18 93					
17. Transporter 1 (Acknowledgement of Receipt of Materials)						Printed/Typed Name Francis E Roth					
						Signature Francis E Roth					
						Mo. Day Year 01 18 93					
18. Transporter 2 (Acknowledgement or Receipt of Materials)						Printed/Typed Name					
						Signature					
						Mo. Day Year					
19. Discrepancy Indication Space Item K - L						Actual Qty Rec'd 20584K					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						Printed/Typed Name Kathi Villeneuve					
						Signature Kathi Villeneuve					
						Mo. Day Year 01 18 93					

EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY 5—Generator-mailed by TSD facility

843710042

CWM-2001A (11/91)

Generator Copy—Remove this copy prior to shipping and keep with manifest records

In case of emergency or spill immediately call the National Response Center (800) 421-8802 and the N.Y. Dept. of Environmental Conservation (518) 457-7362.

D 45030 C



CWM Chemical Services, Inc.

Model City Facility
P.O. Box 200
1550 Balmer Road
Model City, New York 14107
716/754-8231

SUN CHEMICAL CORPORATION
ATTN: MANIFEST SECTION
NJDO02458842
185 FOUNDRY ST
NEWARK NJ 07105

CERTIFICATE OF DISPOSAL

Chemical Waste Management, Inc., has received waste material from SUN CHEMICAL CORPORATION on 01/19/93 as described on [State Manifest or Uniform] Hazardous Waste Manifest number NYB4318965 Sequence number 05. Chemical Waste Management, Inc., hereby certifies that the above described material was landfilled on 01/19/93 in accordance with the 40 CFR part 761 as it pertains to the land disposal of Poly-Chlorinated Biphenyl contaminated materials.

Profile Number: AB2269MDC
CWM Tracking ID: 21724200 CWM Drum #: 1 thru 1

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

Kathleen J. Arigoni

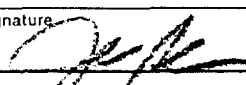

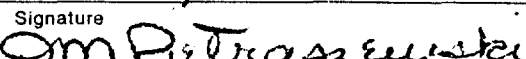
KATHLEEN J. ARIGONI
RECORDS SUPERVISOR
Certificate # 5010
01/20/93

FED. EPA ID: NYD049836679

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES REGULATION
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212

Please print or type. Do not Staple.

Form Approved. OMB No. 2050-0039. Expires 9-30-94

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NJ 000243884200072		Manifest Document No. 1		2. Page 1 of 1		Information in the shaded areas is not required by Federal Law.			
3. Generator's Name and Mailing Address SE CHEMICAL CORPORATION 185 Foundry Street Newark NJ 07105						A. State Manifest Document No. NY B 431894 7					
4. Generator's Phone (201) 344-4879						B. Generator's ID Same					
5. Transporter 1 (Company Name) HOENSTH TRUCKS						C. State Transporter's ID (H) 1174914					
6. US EPA ID Number PA 0014085319						D. Transporter's Phone (215) 262-2222					
7. Transporter 2 (Company Name)						E. State Transporter's ID NA					
8. US EPA ID Number						F. Transporter's Phone () NA					
9. Designated Facility Name and Site Address PCB Hazardous Substance Solid M.O.S. (PCB) HA9188 CWA CHEMICAL SERVICES						10. US EPA ID Number 1550 CALMER ROAD MOORE CITY NY 14107 NY B 049836679					
G. State Facility's ID Same						H. Facility's Phone (716) 734-8231					
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)						12. Containers		13. Total Quantity		14. Unit	
a. HQ Hazardous Substance Solid M.O.S. (PCB) HA9188						No. Type		Est.		Wt/Vol	
						001 DT		20000 K		EPA NA	
b.										STATE	
c.										EPA	
d.										STATE	
J. Additional Descriptions for Materials listed Above						K. Handling Codes for Wastes Listed Above					
a. PCB contaminated soil and debris.						a. <input type="checkbox"/> c. <input type="checkbox"/>					
b.						b. <input type="checkbox"/> d. <input type="checkbox"/>					
15. Special Handling Instructions and Additional Information Waste Profile No. AB2269 Removal Date: 11/18/93 Certificate of Disposal Required In case of emergency call: (201) 344-4879 NO# 217236											
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.											
Printed/Typed Name JOHN HAHN						Signature  Mo. Day Year 01/19/93					
17. Transporter 1 (Acknowledgement of Receipt of Materials)											
Printed/Typed Name THOMAS J. HAHN						Signature  Mo. Day Year 01/19/93					
18. Transporter 2 (Acknowledgement or Receipt of Materials)											
Printed/Typed Name						Signature Mo. Day Year					
19. Discrepancy Indication Space Item K - L actual qty rec'd 15758K											
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.											
Printed/Typed Name DM Pietraszewski						Signature  Mo. Day Year 01/19/93					



CWM Chemical Services, Inc.

Model City Facility
P.O. Box 200
1550 Balmer Road
Model City, New York 14107
716/754-8231

SUN CHEMICAL CORPORATION
ATTN: MANIFEST SECTION
NJDO02458842
185 FOUNDRY ST
NEWARK NJ 07105

CERTIFICATE OF DISPOSAL

Chemical Waste Management, Inc., has received waste material from SUN CHEMICAL CORPORATION on 01/19/93 as described on [State Manifest or Uniform] Hazardous Waste Manifest number NYB4318947 Sequence number 05. Chemical Waste Management, Inc., hereby certifies that the above described material was landfilled on 01/19/93 in accordance with the 40 CFR part 761 as it pertains to the land disposal of Poly-Chlorinated Biphenyl contaminated materials.

Profile Number: AB2269MDC
CWM Tracking ID: 21723600 CWM Drum #: 1 thru 1

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

Kathleen J. Arigoni

KATHLEEN J. ARIGONI
RECORDS SUPERVISOR
Certificate # 5008
01/20/93

FED. EPA ID: NYD049836679

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES REGULATION

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Form Approved. OMB No. 2050-0039. Expires 9-30-94

Please print or type. Do not Staple.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NJD002458842		Manifest Document No. 00074		2. Page 1 of 1		Information in the shaded areas is not required by Federal Law.					
3. Generator's Name and Mailing Address 185 Foundry Street Newark, NJ 07105						A. State Manifest Document No. NY B 431893 8							
4. Generator's Phone (201) 344-4879						B. Generator's ID None							
5. Transporter 1 (Company Name) HORWITH TRUCKS						C. State Transporter's ID (A) T 203224							
6. US EPA ID Number PAID014085319						D. Transporter's Phone (215) 262-2716							
7. Transporter 2 (Company Name)						E. State Transporter's ID N/A							
8. US EPA ID Number						F. Transporter's Phone () N/A							
9. Designated Facility Name and Site Address QW Hazardous Substance Solid H.O.S CUMMINS CHEMICAL SERVICES 1550E BALMER ROAD						10. US EPA ID Number MODEL EST. NY 14107 NJD049836679							
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)						12. Containers		13. Total Quantity		14. Unit		15. Waste No.	
a. NO Hazardous Substance Solid H.O.S (PCB) NA5108						No. Type		EST.		Wt/Vol		EPA	
						001 D T 20000 K						STATE 2007	
b.												EPA	
												STATE	
c.												EPA	
												STATE	
d.												EPA	
												STATE	
J. PCB Contaminated Materials listed Above						K. Handling Codes for Wastes Listed Above							
a. soil & debris													
b.													
c.													
d.													
15. Special Handling Instructions and Additional Information Waste Profile # AB2269 Removal Date: 1/11/93						WO 217252 Certificate of Disposal Required In case of emergency call: (201) 344-4879							
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.													
Printed/Typed Name John Villeneuve						Signature <i>[Signature]</i>							
17. Transporter 1 (Acknowledgement of Receipt of Materials)													
Printed/Typed Name John Villeneuve						Signature <i>[Signature]</i>							
18. Transporter 2 (Acknowledgement or Receipt of Materials)													
Printed/Typed Name						Signature							
19. Discrepancy Indication Space Item K (L)						Actual Qty Recd 15186 K							
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.													
Printed/Typed Name Kathi Villeneuve						Signature <i>[Signature]</i>							
						Mo. Day Year 01/19/93							



CWM Chemical Services, Inc.

Model City Facility
P.O. Box 200
1550 Balmer Road
Model City, New York 14107
716/754-8231

SUN CHEMICAL CORPORATION
ATTN: MANIFEST SECTION
NJD002458842
185 FOUNDRY ST
NEWARK NJ 07105

CERTIFICATE OF DISPOSAL

Chemical Waste Management, Inc., has received waste material from SUN CHEMICAL CORPORATION on 01/19/93 as described on [State Manifest or Uniform] Hazardous Waste Manifest number NYB4318938 Sequence number 05. Chemical Waste Management, Inc., hereby certifies that the above described material was landfilled on 01/19/93 in accordance with the 40 CFR part 761 as it pertains to the land disposal of Poly-Chlorinated Biphenyl contaminated materials.

Profile Number: AB2269MDC
CWM Tracking ID: 21725200 CWM Drum #: 1 thru 1

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

Kathleen J. Arigoni

KATHLEEN J. ARIGONI
RECORDS SUPERVISOR
Certificate # 5014
01/20/93

FED. EPA ID: NYD049836679

LAND DISPOSAL NOTIFICATION AND CERTIFICATION FORM

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES REGULATION

843710048

HAZARDOUS WASTE MANIFEST

Please print or type. Do not Staple.

Form Approved. OMB No. 2050-0039. Expires 9-30-94

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NY D 00245884200071		Manifest Document No. 1		2. Page 1 of 1		Information in the shaded areas is not required by Federal Law.	
3. Generator's Name and Mailing Address 135 Youndry Street Newark NJ 07105		4. Generator's Phone (201) 344-4879		5. Transporter 1 (Company Name) HORN WITH TRUCKS		6. US EPA ID Number PA D 014085319		A. State Manifest Document No. NY B 431897 4	
7. Transporter 2 (Company Name)		8. US EPA ID Number		9. Designated Facility Name and Site Address 1550 BAYVIEW ROAD MODEL CITY NY 14107		10. US EPA ID Number NY D 049836679		B. Generator's ID Same	
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number) a. 100 Hazardous Substance Solid H.O.S. (PCN) 289188		12. Containers No. Type 001 D T 20000 E		13. Total Quantity 20000 E		14. Unit Wt/Vol E		C. State Transporter's ID (PA) T14548	
15. Special Handling Instructions and Additional Information Waste Profile No. A82269 Removal Date: 1/18/93		16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.		17. Transporter 1 (Acknowledgement of Receipt of Materials) Printed/Typed Name CHARIE DECKARD		Signature <i>[Signature]</i>		Mo. Day Year 01 18 93	
18. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.		19. Discrepancy Indication Space Item K [] generator received 1/19/93 per Wright's actual Rnd 16302 K Craig Calouzel		20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.		Printed/Typed Name Kathi Villeneuve		Signature <i>[Signature]</i>	
19. Discrepancy Indication Space		20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.		Printed/Typed Name Kathi Villeneuve		Signature <i>[Signature]</i>		Mo. Day Year 01 18 93	



CWM Chemical Services, Inc.

Model City Facility
P.O. Box 200
1550 Balmer Road
Model City, New York 14107
716/754-8231

SUN CHEMICAL CORPORATION
ATTN: MANIFEST SECTION
NJD002458842
185 FOUNDRY ST
NEWARK NJ 07105

CERTIFICATE OF DISPOSAL

Chemical Waste Management, Inc., has received waste material from SUN CHEMICAL CORPORATION on 01/19/93 as described on [State Manifest or Uniform] Hazardous Waste Manifest number NYB4318974 Sequence number 05. Chemical Waste Management, Inc., hereby certifies that the above described material was landfilled on 01/19/93 in accordance with the 40 CFR part 761 as it pertains to the land disposal of Poly-Chlorinated Biphenyl contaminated materials.

Profile Number: AB2269MDC
CWM Tracking ID: 21723500 CWM Drum #: 1 thru 1

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

Kathleen J. Arigoni

KATHLEEN J. ARIGONI
RECORDS SUPERVISOR
Certificate # 5047
01/20/93

FED. EPA ID: NYD049836679

EXHIBIT 11 - 1994

1994
Site Name Sun Chemical Corp.
185 Foundry St
Newark, NJ 07105
EPA ID No. NJ D 02 458 842

OFFICIAL USE ONLY	
Ann. Fee	_____
RA	_____
Date	_____
Rec'd By	_____

1994 FEE VERIFICATION FORM

INSTRUCTIONS: Complete the below fee category information. If your site is required to submit a report and a fee, attach the check where indicated and return this page with your report. When submitting multiple reports, each site will require a separate Fee Verification Form; however, any fees owed may be combined in o one check.

Attach check here (do not send cash)

Make Payable to: Treasurer State of New Jersey
Mail Report to: NJDEP, Bureau of Revenue
Attention: Hazardous Waste Regulation Program
CN 417
Trenton, New Jersey 08625-0417

Fee Category

- ☒ No Fee This site was a transporter of waste oil only from exempt or small quantity generators; or This site was not a NJ large quantity generator; or
☒ This site (company) manifested less than 1.33 tons of hazardous waste for the calendar year.
- ☐ \$125.00 This site (company) manifested 1.33 tons or more of hazardous waste but less than 10 tons of hazardous waste during the calendar year.
- ☐ \$180.00 This site (company) manifested 10 tons or more of hazardous waste but less than 100 tons of hazardous waste during the calendar year.
- ☐ \$300.00 This site (company) manifested 100 tons or more of hazardous waste but less than 150 tons of hazardous waste during the calendar year.
- ☐ \$400.00 This site (company) manifested 150 tons or more of hazardous waste during the calendar year.

843710051

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Sun Chemical Corp.
185 Broadway St. Newark NJ 07102
EPA ID NO: NJSD 07102 458 842

NEW JERSEY DEPARTMENT OF
ENVIRONMENTAL PROTECTION

1994 Hazardous Waste Report

FORM
IC

IDENTIFICATION AND
CERTIFICATION

INSTRUCTIONS: Read the detailed instructions beginning on page 9 of the 1994 Hazardous Waste Report booklet before completing this form.

Sec. I Site name and location address. Complete A through H. Instruction page 10.

A. EPA ID No. NJSD 07102 458 842

B. County

ESSEX

C. Site/company name

Sun Chemical Corp.

D. Has the site name associated with this EPA ID changed since 1993?

☐ 1 Yes

☒ 2 No

E. Street name and number. If not applicable, enter industrial park, building name, or other physical location description.

185 Broadway Street

F. City, town, village, etc.

Newark

G. State

NJ

H. Zip Code

07102-1111

Sec. II Mailing address of site. Instruction page 10.

A. Is the mailing address the same as the location address?

☒ 1 Yes (SKIP TO SEC. III)

☐ 2 No (GO TO BOX B)

B. Number and street name of mailing address

C. City, town, village, etc.

D. State

E. Zip Code

Sec. III Name, title, and telephone number of the person who should be contacted if questions arise regarding this report. Instruction page 10.

A. Please print: Last Name First Name M.I.

Morrison

Dennis

B. Title

Plant Manager

C. Telephone

201 344 4879

Extension

Sec. IV

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties under Section 3008 of the Resource Conservation and Recovery Act for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A. Please print: Last Name First Name M.I.

Morrison

Dennis

B. Title

Plant Manager

C. Signature

Dennis Morrison

D. Date of signature

02 27 95

MO. DAY YR.

Sec.V - Generator Status

EPA ID NO. NJD 002 458 842A. 1991 RCRA generator status
Instruction page 10.
(CHECK ONE BOX BELOW)

- ☒ 1 USLQG
☐ 2 USSQG or SKIP to SEC. VI
 NJLQG
☐ 3 USCESQG or
 NJSQG
☐ 4 Non generator (Continue to
 Box B)

B. Reason for not generating
Page 12.
(CHECK ALL THAT APPLY)

- ☐ 1 Never generated
☐ 2 Out of business
☐ 3 Only excluded or delisted waste
☐ 4 Only non-hazardous waste
☐ 5 Periodic or occasional generator
☐ 6 Waste minimization activity
☐ 7 Other (SPECIFY COMMENTS IN BOX BELOW)

Sec.VI - On-Site Waste Management Status

A. Storage subject to hazardous waste
permitting beyond 90 days requirements Page
13.1B. Treatment, disposal, or recycling subject to
hazardous waste permitting requirements Page 13.1C. Hazardous waste-exempt treatment,
disposal, or recycling Page 13.3

Sec.VII - Waste Minimization Activity during 1993 or 1994

A. Did this site begin or expand a source
reduction activity during 1993 or 1994? Page
14.

- ☒ 1 Yes
☐ 2 No

B. Did this site begin or expand a recycling activity
during 1993 or 1994? Page 15.

- ☒ 1 Yes
☐ 2 No

C. Did this site systematically investigate
opportunities for source reduction or
recycling during 1993 or 1994? Page 15.

- ☒ 1 Yes
☐ 2 No

D. Did this site have a successful waste minimization program during 1993 or 1994? Page 15

- ☒ 1 Yes (Must continue to Box E)
☐ 2 No

E. Can this site quantitatively document its success for 1993 or 1994? Page 15

- ☒ 1 Yes
☐ 2 No

Comments:

Attachment

Attach a list of hazardous waste manifests for this form. The list must include the uniform hazardous waste manifest document number and the date of the shipment. The back of Form GM may be used for this purpose.

Example:

Document Number	Date Shipped
NJA123456	01/01/94
NJA123457	12/31/94

INA 0793081	2/23/94
INA 0793078	5/25/94
INA 0970493	8/23/94
MDC 0524223	12/6/94

NEW JERSEY DEPARTMENT OF
ENVIRONMENTAL PROTECTIONBEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL
OR ENTER:

SITE NAME: Sun Chemical Corp.
185 Foundry St., Newark NJ 07105

EPA ID NO: NJ0 002 458 842

FORM
GM

1994 Hazardous Waste Report

WASTE GENERATION
AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1994 Hazardous Waste Report Booklet before completing this form.

Sec. I		A. Waste description - Instruction page 18. <u>Waste water effluent consisting of methanol, water & phosphoric acid generated by the production of organic pigment. Waste is corrosive & combustible</u>			
B. EPA hazardous waste code Page 19.		C. State hazardous waste code Page 19.			
<u>F003</u> <u>D001</u> <u>D002</u> <u>NA</u> <u>NA</u>		<u>NA</u>			
D. SIC code Page 19.	E. Origin code Page 19.	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA-radioactive mixed Page 20.
<u>2865</u>	<u>S</u> System type <u>M021</u>	<u>A32</u>	<u>1</u>	<u>B219</u>	<u>2</u>
Sec. II		A. Quantity generated in 1993 Instruction Page 21.			
<u>2433612000</u>		B. Quantity generated in 1994 Page 21.		C. UOM Density Page 21.	
<u>3166698000</u>		<u>1</u> <u>08.34</u>		<input checked="" type="checkbox"/> 1 lbs/gal <input type="checkbox"/> 2 sg <input checked="" type="checkbox"/> 1 Yes (CONTINUE TO SYSTEM 1) <input type="checkbox"/> 2 No (SKIP TO SEC. III)	
ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2			
On-site system type Page 22.		Quantity treated, disposed or recycled on site in 1994		On-site system type Page 22.	
<u>M021</u>		<u>6444821</u>		<u>M</u>	
				<u>310224979</u>	
Sec. III		A. Was any of this waste shipped off-site in 1994 Instruction Page 23.			
		<input type="checkbox"/> 1 Yes (CONTINUE TO BOX B) <input checked="" type="checkbox"/> 2 No (SKIP TO SEC. IV)			
Site 1 B. EPA ID No. of facility waste was shipped to Page 23.		C. System type shipped to. Page 23.	D. Off-site availability E. Total quantity shipped in 1994 code Page 23.		
		<u>M</u>			
Site 2 B. EPA ID No. of facility waste was shipped to Page 23.		C. System type shipped to. Page 23.	D. Off-site availability E. Total quantity shipped in 1994 code Page 23.		
		<u>M</u>			
Sec. IV		A. Did new activities in 1994 result in minimization of this waste: Instruction Page 23.			
		<input type="checkbox"/> 1 Yes (CONTINUE TO SYSTEM 1) <input checked="" type="checkbox"/> 2 No (THIS FORM IS COMPLETE)			
B. Activity Page 24.	C. Other effects Page 24.	D. Quantity recycled in 1994 due to new activities Page 25.		E. Activity/production index Page 24.	F. 1994 source reduction quantity Page 26.
<u>W</u> <u>W</u>	<input type="checkbox"/> 1 Yes <input type="checkbox"/> 2 No				
<u>W</u> <u>W</u>					

Comments: Sec I Box H - Mixture of Methanol, phosphoric acid and water.

**NEW JERSEY DEPARTMENT OF
ENVIRONMENTAL PROTECTION**

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL
OR ENTER:

SITE NAME: Sun Chemical Corp.
185 Foundry St., Newark NJ 07105

EPA ID NO: NJ0 002 458 842

1994 Hazardous Waste Report

**FORM
PS**

WASTE TREATMENT, DISPOSAL, OR RECYCLING PROCESS SYSTEMS

INSTRUCTIONS: Read the detailed instructions beginning on page 33 of the 1994 Hazardous Waste Report booklet before completing this form.

Sec. I	A. Waste treatment, disposal, or recycling system description
--------	---

Instruction Page 38.

B. System type
Page 38.

M 021

C. Regulatory status
Page 39.

03

D. Operational status
Page 39.

01

E. Unit types
Page 39.

01 11

Sec. II	A. 1994 influent quantity Instruction Page 40.
---------	---

Total 31669800 • 0 1 UOM 8 • 34 Density
 RCRA 31669800 • 0 ☒ 1 lbs/gal ☐ 2 sg
 State 31669800 • 0

B. Maximum operational capacity
Page 41.

Total	9999999999	9
RCRA	9999999999	9
State	9999999999	9

C. 1994 liquid effluent quantity
Instruction Page 42.

Instruction Page 42.

	UOM										Density					
Total	3	1	0	2	2	4	9	7	9	•	0	1	8	•	3	4
RCRA	3	1	0	2	2	4	9	7	9	•	0	<input checked="" type="checkbox"/> 1 lbs/gal	<input type="checkbox"/> 2 sg			
State	3	1	0	2	2	4	9	7	9	•	0					

D. 1994 solid/sludge residual quantity
Page 42.

Page 42.

	UOM	Density
Total		
RCRA	<input type="checkbox"/> 1 lbs/gal <input type="checkbox"/> 2 sg	
State		

E. Limitation on maximum operational capacity

Page 43.

1. 08 2. 3.

F. Commercial capacity availability code

Page 43.

U

G. Percent capacity commercially available
Page 43.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466
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Comments: Sec II Box A - Based on total Waste Water
Sec II Box B - Based on waste water potential for 36 M # Methanol recovery
Sec II Box E - Capacity of recycle unit is currently limited by production capacity.

NEW JERSEY DEPARTMENT OF
ENVIRONMENTAL PROTECTION

1994 Hazardous Waste Report

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL
OR ENTER:

SITE NAME:

Sun Chemical Corp.
185 Foundry St. Newark, NJ 07105

EPA ID NO:

NJ0002458842FORM
OIOFF-SITE
IDENTIFICATION

INSTRUCTIONS: Read the detailed instructions on the reverse side before completing this form.

Site 1	A. EPA ID No. of off-site installation or transporter <u>NJ00054126164</u>	B. Name of off-site installation or transporter <u>Freehold Cartage Inc.</u>
C. Handler type (CHECK ALL THAT APPLY) <input type="checkbox"/> Generator <input checked="" type="checkbox"/> Transporter <input type="checkbox"/> TSDR		D. Address of generator Street <u>N/A</u> City _____ State _____ Zip _____
Site 2	A. EPA ID No. of off-site installation or transporter <u>IND0006419212</u>	B. Name of off-site installation or transporter <u>SYSTECH / LONESTAR INDUSTRIES</u>
C. Handler type (CHECK ALL THAT APPLY) <input type="checkbox"/> Generator <input type="checkbox"/> Transporter <input checked="" type="checkbox"/> TSDR		D. Address of generator Street <u>Limestone Rd</u> City <u>Greencastle</u> State <u>IND</u> Zip <u>461135-11-11</u>
Site 3	A. EPA ID No. of off-site installation or transporter <u>MD00980554653</u>	B. Name of off-site installation or transporter <u>Laidlaw Environmental Services</u>
C. Handler type (CHECK ALL THAT APPLY) <input type="checkbox"/> Generator <input checked="" type="checkbox"/> Transporter <input type="checkbox"/> TSDR		D. Address of generator Street <u>N/A</u> City _____ State _____ Zip _____
Site 4	A. EPA ID No. of off-site installation or transporter <u>MD00980554653</u>	B. Name of off-site installation or transporter
C. Handler type (CHECK ALL THAT APPLY) <input type="checkbox"/> Generator <input type="checkbox"/> Transporter <input checked="" type="checkbox"/> TSDR		D. Address of generator Street <u>3527 Whiskey Bottom Rd</u> City <u>Laurel</u> State <u>MD</u> Zip <u>2107124-11-11</u>
Site 5	A. EPA ID No. of off-site installation or transporter _____	B. Name of off-site installation or transporter
C. Handler type (CHECK ALL THAT APPLY) <input type="checkbox"/> Generator <input type="checkbox"/> Transporter <input type="checkbox"/> TSDR		D. Address of generator Street _____ City _____ State _____ Zip _____

Comments:



PLEASE PRINT OR TYPE

(Form designed for use on elite (12-pitch typewriter).)

Form Approved. OMB No. 2050-0039. Expires 9-30-94

**UNIFORM HAZARDOUS
WASTE MANIFEST**

1. Generator's US EPA No.

Manifest
Document No.

2. Page 1

Information in the shaded areas is
not required by Federal law, but
items D, F, H, I and K are required by
State law.

3. Generator's Name and Mailing Address

Sun Chemical
185 Foundry Street
Newark, N.J. 07105

A. State Manifest Document Number
INA 0793081

B. State Generator's ID

4. Generator's Phone (201) 344-4875

5. Transporter 1 Company Name

Freehold Cartage, Inc.

6. US EPA ID Number

N.J. D0 5 41 26 1 6 4

8. US EPA ID Number

C. State Transporter's ID **797366 NY**

D. Transporter's Phone **908-488-1001**

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address

Systech/Lonestar (Lonestar Industries)
Linedale Road
Greencastle, In. 46135

10. US EPA ID Number

I. N D0 06 4 19 2 1 2

G. State Facility's ID

H. Facility's Phone

317-653-2606

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)

12. Containers

No.

Type

13.
Total
Quantity

14.
Total
Wt/Vol.

I.
Waste No.

a RQ, Waste Flammable Liquids, N.O.S.
3, Un-1993, PG II (ERG-27) RQ-100
(Xylene/ Ethyl Benzene)

001 DM 20020 G D001

J. Additional Descriptions for Materials Listed Above

11a. P003, D005, D007, D008
Xylene - 73%
Ethyl Benzene - 15%

K. Handling Codes for Wastes Listed Above

T-16

15. Special Handling Instructions and Additional Information

Profile No. Va 42401

NIDEPS 2245-55378

Emergency Contact: CHEM-TRAC 1-800-424-9300

R.T. 001576

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name

MATTHEW FREESTONE

Signature

Matthew Freestone

Month Day Year
02 23 94

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Robert H. Zeisloft

Signature

Robert H. Zeisloft

Month Day Year
02 23 94

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year
02 23 94

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted Item 19.

Printed/Typed Name

LORI J. BAXTER

Signature

Lori J. Baxter

Month Day Year
02 23 94



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF SOLID AND HAZARDOUS WASTE MANAGEMENT
P.O. Box 7035
Indianapolis, IN 46207-7035

PLEASE PRINT OR TYPE

(Form designed for use on elite (12-pitch typewriter))

Form Approved OMB No. 2050-0039. Expires 9-30-94

UNIFORM HAZARDOUS
WASTE MANIFEST

1. Generator's US EPA No.

Manifest
Document No.

2. Page 1

Information in the shaded areas is
not required by Federal law, but
items D, F, H, I and K are required by
State law.

3. Generator's Name and Mailing Address

Sun Chemical
185 Foundry Street
Newark, N.J. 07105

A. State Manifest Document Number

INA 0793078

B. State Generator's ID

4. Generator's Phone (201) 344-4875

5. Transporter 1 Company Name

6. US EPA ID Number

C. State Transporter's ID

Hazmat Environmental Group

N.Y. D9 8 07 6 99 4 7

D. Transporter's Phone 716-827-7200

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address

10. US EPA ID Number

G. State Facility's ID

Systech/Lonestar (Lonestar Industries)
Linedale Road
Greencastle, In. 46135

I. N.D. 0 64 1 92 1 2

H. Facility's Phone

317-653-2606

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)

12. Containers

13. Total
Quantity

14. Total
Wt/Vol.

15. Waste No.

a. RQ, Waste Flammable Liquids, N.O.S.
3, UN-1993, PG II (EGR=27) RQ=100
(Xylene/ Ethyl Benzene)

00.1 in 1 pp 20 G D001

J. Additional Descriptions for Materials Listed Above

K. Handling Codes for Wastes Listed Above

11a. R003, D005, D007, D008
Xylene = 73
Ethyl Benzene = 15

T-16

15. Special Handling Instructions and Additional Information

Profile No. VA42401 RT.002232

Emergency Contract : CHEM-TREC 1-800-424-9300

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name

Signature

ANTHONY TELFICO

Anthony Telfico

Month Day Year
6 5 23 9 4

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Andrew Marsh

Andrew Marsh

Month Day Year
6 5 23 9 4

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year
6 5 23 9 4

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted Item 19.

Printed/Typed Name

Signature

Lori J. Barker

Lori J. Barker

Month Day Year
6 5 23 9 4



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF SOLID AND HAZARDOUS WASTE MANAGEMENT
P.O. Box 7035
Indianapolis, IN 46207-7035

PLEASE PRINT OR TYPE

(Form designed for use on elite (12-pitch typewriter.)

Form Approved OMB No. 2050-0039. Expires 9-30-94

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law, but items D, F, H, I and K are required by State law.	
3. Generator's Name and Mailing Address		Sun Chemical 185 Foundry Street Newark, N.J. 07105		A. State Manifest Document Number INA 0970493		
4. Generator's Phone (XX) 201-344-4875		6. US EPA ID Number		B. State Generator's ID		
5. Transporter 1 Company Name		Freehold Cartage, Inc.		C. State Transporter's ID		
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone 8908-462-3318		
9. Designated Facility Name and Site Address		10. US EPA ID Number		E. State Transporter's ID		
Systech/Lonestar (Lonestar Industries) Linedale Road Greencastle, In.		I.N.D. 00-64-1-9-21-2		F. Transporter's Phone		
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers		13. Total Quantity		
a. RQ, Waste Flammable Liquids, XXXXX N.O.S. 3, UN-1993, PG II (ERG=27) RQ=100 (Xylene/Ethyl Benzene)		No. Type		14. Total Wt/Vol.		
		001 D.M. XXX.X.55		G		
				F003		
J. Additional Descriptions for Materials Listed Above		K. Handling Codes for Wastes Listed Above				
11a. D001, D005, D007, D008 Xylene R= 734 Ethyl Benzene = 154		T-16				
15. Special Handling Instructions and Additional Information						
Profile No. VA-42401 R.T.002895						
In Case of Emergency Contact: CHEM-TREC 1-800-424-9300						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.						
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name		Signature		Date		
Dennis Morrison		Dennis Morrison		08/23/94		
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature		Date		
Printed/Typed Name		Signature		Date		
Al GILLNER		Al Gillner		08/23/94		
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Date		
Printed/Typed Name		Signature		Date		
19. Discrepancy Indication Space						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted Item 19.						
Printed/Typed Name		Signature		Date		
Lori J. Bayre		Lori J. Bayre		08/23/94		

Methanol Recovery
Sun Chemical
Newark, N. J.

Month	Methanol Used	Methanol Recovered	Gallons	Monthly Percentage Recovered	Water Usage <i>gal</i> Budget %	0722822 Production	Monthly Percentage Recovered with Red	
Jan 94	755,037	526,284	79,379	69.7	3.84	75.0	31,731	72.9
Feb 94	675,152	504,097	76,033	74.7	3.50	75.0	12,339	76.0
Mar 94	810,009	613,519	92,537	75.7	3.50	75.0	51,738	80.5
Apr 94	755,364	581,075	87,643	76.9	3.55	75.0	45,258	81.4
May 94	851,730	568,545	85,753	66.8	3.46	75.0	111,214	76.5
June 94	927,498	525,802	79,306	56.7	3.35	75.0	159,214	69.6
July 94	427,962	268,688	40,526	62.8	1.64	75.0	56,808	72.7
Aug 94	865,342	564,467	85,138	65.2	3.03	75.0	100,859	74.0
Sept 94	836,682	505,574	76,256	60.4	2.94	75.0	122,185	71.4
Oct 94	929,448	649,785	98,007	69.9	3.50	75.0	84,725	76.7
Nov 94	849,714	569,976	85,969	67.1	2.71	75.0	125,390	78.1
Dec 94	885,900	567,009	85,522	64.0	2.95	75.0	114,748	73.7

Totals 9569838 6444821[#] 972070 67.5

3
Recycled

28

$37.97M \times 8.34 = 316,669,800$ *Total
Gross*

Neutralized = $316,669,800^{\#} - 6,444,821$
= $310,224,979^{\#}$

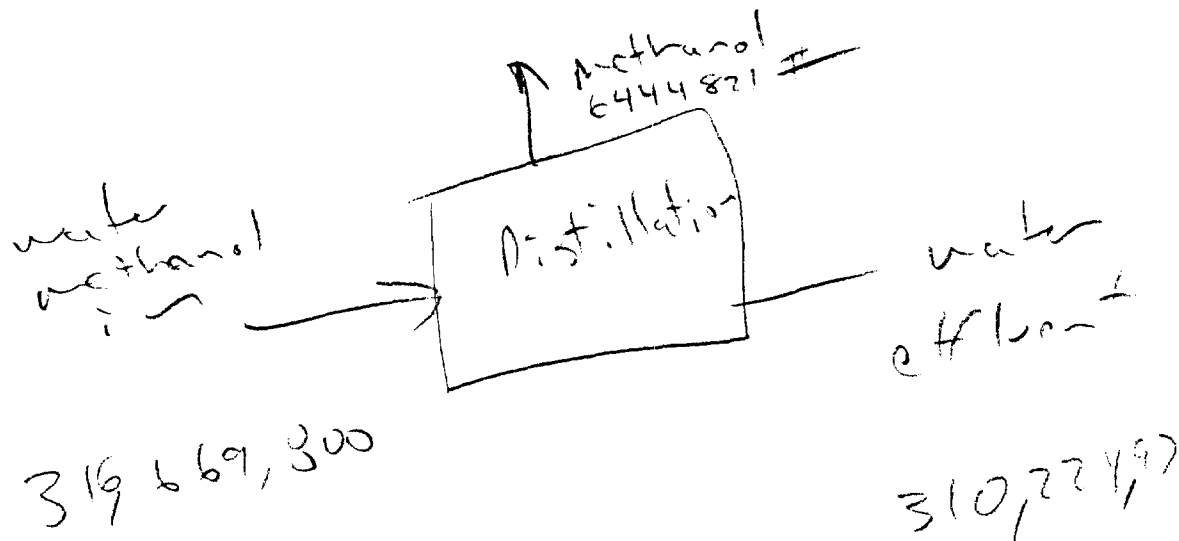


EXHIBIT 11 - 1996



843710065

State of New Jersey
Department of Environmental Protection and Energy
Hazardous Waste Regulation Program
Manifest Section
CN 421, Trenton, NJ 08625-0421

Please type or print in block letters. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved, OMB No. 2050-0039, Expires 9-30-96

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address SUN CHEMICAL CORP. 185 FOUNDRY ST. NEWARK, NJ 07105		6. US EPA ID Number NJ000245884274001		A. State Manifest Document Number NJA 2594809		
4. Generator's Phone 201 344-4879		6. US EPA ID Number NJ000245884274001		B. State Generator's ID (Gen. Site Address) SA-142		
5. Transporter 1 Company Name LIONETTI OIL RECOVERY CO., INC.		6. US EPA ID Number NJ000245884274001		C. State Trans. ID-NUDEPE 73605		
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone 908 721-0900		
9. Designated Facility Name and Site Address LIONETTI OIL RECOVERY CO., INC./DBA LORCO PETROLEUM SVCS. RUNYON & CHEESECAKE ROADS OLD BRIDGE NJ 08857		10. US EPA ID Number NJ000245884274001		E. State Trans. ID-NUDEPE 73605		
11. US DOT Description (Including Proper Shipping Name, Hazard Class or Division, ID Number and Packing Group) HM		12. Containers No. Type		13. Total Quantity 14. Unit Wt/Vol Waste No.		
a. X PETROLEUM OIL (PETROLEUM OIL) COMBUSTIBLE LIQUID UN 1270 PG III		c. XX275		d. X726		
J. Additional Descriptions for Materials Listed Above 7-L PETROLEUM OIL 20% WATER 70%		K. Handling Codes for Wastes Listed Above T04-FILTRATION				
15. Special Handling Instructions and Additional Information NOT EPA REGULATED, REGULATED AS HAZARDOUS WASTE IN NEW JERSEY 24 HOUR EMERGENCY RESPONSE (908) 721-0900 DECAL #73605 ERGP 27 DEKSTL TEST KIT RESULTS 300 ppm						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable, and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name JAMES J. WIEDOW		Signature <i>James J. Wiedow</i>		Month Day Year 04/18/96		
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name BARTON KEIL		Signature <i>Barton Keil</i>		Month Day Year 04/18/96		
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Month Day Year		
19. Discrepancy Indication Space						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name <i>[Signature]</i>						



MARYLAND HAZARDOUS WASTE MANIFEST
Department of the Environment - Waste Management Administration
2500 Broening Highway Baltimore, MD 21224

Hazardous Waste Program

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039 Expires 9/30/97

CC: LR SUM

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID NO.

N J D 0 0 2 4 5 8 8 4 2

Manifest Document No.

1 5 6 0 4

Page 1 of 2

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address

Linda Smith
(201)344-4879

Sun Chemical
185 Foundry Street
Newark, NJ 07105

A. State Manifest Document Number

MDC 0676265

B. State Generator's ID Number

4. Generator's Phone ()

5. Transporter 1 (Company Name)

6. US EPA ID Number

M D D 9 8 0 5 5 4 6 5 8

C. State Transporter's ID Vehicle Sticker Number

HWH 0 0 1 5

D. Transporter's Phone

301/953-9583

E. State Transporter's ID

HWH

Vehicle Sticker Number

F. Transporter's Phone

7. Transporter 2 (Company Name)

8. US EPA ID Number

9. Designated Facility Name and Site Address

Laidlaw Environmental Services, (TS), Inc.
3527 Whiskey Bottom Road
Laurel, MD 20724

10. US EPA ID Number

M D D 9 8 0 5 5 4 6 5 3

G. State Facility ID

A207
H. Facility's Phone

3 0 1 - 9 5 8 - 9 5 3 3

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)

12. Containers No. Type

13. Total Quantity

14. Unit W/Vol

I. Waste No.

Waste, Flammable Liquids, N.O.S.
3, UN1993, III (Ethyl Benzene, Xylenes) RQ 00017

0 1 DM

4 0 0 P

0 0 0 1

0 0 0 5

J. Additional Description for Materials Listed Above

HAZ CODE Physical State Specific Gravity Percentage

HAZ CODE Physical State Specific Gravity Percentage

K. Handling Codes for Waste Listed Above

a. I E L 0.9 100 % c.

b. % d.

15. Special Handling Instructions and Additional Information

EMERGENCY CONTACT - 1/800-535-5053-(596) (INFOTRAC)

11a. 0006, 0007, 0008, F003 INFOTRAC FAX # 1/352-323-0091
NJ DEP 55866

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and Maryland Statutes or Regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name

Linda J. Smith

Signature

Linda J. Smith

Date

06/10/96

17. Transporter 1 (Acknowledgement of Receipt of Materials)

Printed/Typed Name

Tony Richards

Signature

Tony Richards

Date

06/10/96

18. Transporter 2 (Acknowledgement of Receipt of Materials)

Printed/Typed Name

Signature

Date

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

JOSEPH E. GERROSSI

Signature

JOSEPH E. GERROSSI

Date

06/14/96



61095

State of New Jersey
Department of Environmental Protection and Energy
Hazardous Waste Regulation Program
Manifest Section
CN 421, Trenton, NJ 08625-0421

843710068

Please type or print in block letters. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved OMB No. 2050-0039 Expires 9-30-96

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address SUN CHEMICAL 135 FOUNDRY STREET NEWARK, NJ 07105		4. Generator's Phone 718, 981-1600 ATTN: JAMES J. WIEDOW	5. Transporter 1 Company Name MARISOL INC.	6. US EPA ID Number NJ0000000000	7. State Manifest Document Number NJ 2572824
7. Designated Facility Name and Site Address MARISOL INC. 125 FACTORY LANE MIDDLESEX, NJ 08846		8. US EPA ID Number NJ0000000000	9. State Trans ID-AUDEPE 2829	10. US EPA ID Number NJ0000000000	11. State Facility ID 23/55
11. US DOT Description (Including Proper Shipping Name, Hazard Class or Division, ID Number and Packing Group) a. RM WASTE FLAMMABLE LIQUID, NOS (MINERAL SPIRITS), 3, UN1993, POI (RM=DOT), APPROVAL 2-14174-1		12. Containers No. Type 001 TT	13. Total Quantity 02920	14. Unit Wt/Vol G	15. Waste No. D 0 0 0 1
16. Additional Descriptions for Materials Listed Above L.I. SEE SECT 15.		17. Handling Codes for Wastes Listed Above T a. R-CLONG			
18. Special Handling Instructions and Additional Information YA. CONT'D. LIQUID PHASE 80% MINERAL SPIRITS 10-30% WATER 0-50% PHOSPHORIC ACID/ALCOHOL 1-4% SOLID PHASE 20% QUINACRIDONE 60% DIMETHYL QUINOD 30% DICHLORO-QUINOD 1% EMERGENCY RESPONSE NUMBER 908/469-5100. DRIVER EQUIPPED WITH ERG.					
19. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name James J. Wiedow		Signature James J. Wiedow		Month Day Year 10/4/89	
20. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name TOMY LAEY		Signature Tomy Laey		Month Day Year 04/18/96	
21. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Month Day Year	
22. Discrepancy Indication Space					
23. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19. Printed/Typed Name		Signature		Month Day Year 04/13/96	

EXHIBIT 12a - Air

SunChemical

Hand file G98

Pigments Division

Sun Chemical Corporation
441 Tompkins Avenue
Staten Island NY 10305
718 981 1600
718 720 6480 Manufacturing Fax
718 816 8289 Sales Accounting Purchasing Fax
718 720 3967 Engineering Fax

August 23, 1966

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION**Bureau of Air Quality Planning****401 East State Street****CN 418****Trenton, New Jersey 08625 - 0418****ATTN: 1995 Verification****Re: SUN CHEMICAL CORPORATION****1995 Emission Statement Verification****APCID # 06262**

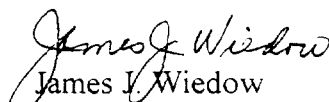
To Whom It May Concern:

Enclosed please find the original data diskette, the print-out and the signed verification form.

We have reviewed the data in the electronic data interchange (EDI) file as instructed in the NJDEP correspondence. All of the data are correct as originally submitted.

Please feel free to contact us. You may also contact Steven J. Tighe of RECON ENVIRONMENTAL CORP. at (908) 526 -1000 ext. 460

Very truly yours,


James J. Wiedow
Environmental Manager

cc: S.Tighe, RECON

843710070

**APPENDIX B - CERTIFICATION OF THE EMISSION STATEMENT DATA
CONTAINED ON THE ORIGINAL DISKETTE OR WITHIN THE PRINT-OUT OF
THE ORIGINAL DISKETTE.**

DEPARTMENT VERIFICATION:

I, Beverly Loftin, of the Department of Environmental Protection certify that the enclosed print-out of the 1995 Emission Statement data for the facility with APEDS ID number(s) 06262 is a print-out of the data contained upon the original diskette submitted by the facility(s) with the aforementioned APEDS ID number(s). I have not changed, altered, added, or otherwise amended any of the data as contained on the original diskette and have copied the data as contained on the original diskette into the Bureau's Emission Statement database to obtain this print-out.

Beverly Loftin ^{JW.} Date July 5, 1996
Beverly Loftin, Computer Information Manager
NJDEP, Bureau of Air Quality Planning

FACILITY VERIFICATION:

I, Dennis Morrison (print name), certify under the penalty of law that I have personally examined and am familiar with the information contained on the printout and data diskette. I also certify under the penalty of law that the data returned by the Department on the data diskette is identical to the information previously provided by this Facility(s) on computer diskette to the New Jersey Department of Environmental Protection to comply with the 1995 Emission Statement reporting requirements pursuant to N.J.A.C. 7:27-21 et seq.

Signature: Dennis Morrison Date August 26, 1996
Title Plant Manager Newark Plant
Affiliation Sun Chemical Corp

INSTRUCTIONS:

Please have an individual with direct knowledge of and responsibility for the information contained upon the Emission Statement sign and date the following verification form and provide the other information above.

If the information is not identical to the original data diskette as determined by a line-by-line comparison of the print-out or by using accurate disk comparison procedures, then correct the print-out and certify the data contained in the corrected print-out with an Emission Statement Certification form pursuant to N.J.A.C. 7:27-21.7. Send a letter to the Department indicating that the information contained in the print-out was not identical to the original data diskette. The letter, the corrected print-out, the original data diskette, and an Emission Statement Certification form pursuant to N.J.A.C. 7:27-21.7 must

ANNUAL EMISSION STATEMENT
FORM A, PART 2 - PROCESS IDENTIFICATION DATA FOR ADDITIONAL
SOURCES NOT LISTED ON FORM A, PART 2

843710072

Page 1

PLEASE SEE INSTRUCTION BOOKLET SECTION A FOR INFORMATION ON FILLING OUT THIS FORM.

QUARTER BEGINNING

FORM FOR ESTIMATES OF ACTUAL EMISSIONS
(CHECK ALL THAT APPLY FOR EACH SOURCE
AND FILL OUT CORRESPONDING FORMS)

DEC	MAR	JUN	SEP
JAN	APR	JUL	OCT
FEB	MAY	AUG	NOV

EMISSION YEAR: 95

SOURCE # 0001-0001

NJ ID EMISSION UNIT NUMBER

PERMIT # 085425

POLLUTANT CATEGORY VOC TSP PM-10

SOURCE DESCRIPTION (NJDEP) REFLUX REACTOR 5000 GALLON

SOURCE DESCRIPTION (FACILITY) LR/R

FACILITY SOURCE ID

STACK HEIGHT 35 FT AVERAGE EXHAUST FLOW RATE 15 ACFM AVERAGE EXHAUST TEMPERATURE 120 F STACK DIAMETER 0 FT

FORM(s)

% QUARTERLY THROUGHPUTS 25.0 25.0 25.0 25.0

- ☐ B FUEL BURNING
☐ C TANKS
☒ D BATCH PROCESS ID NO.B001
☐ E COATING ID NO.
☐ F OTHER
☐ G WASTEWATER NJPDES ID NO.
☐ H LANDFILL ID NO.
☐ P PARTICULATE ROOM ID NO.

- ☐ SOURCE DID NOT OPERATE IN 1995
☐ SOURCE REPORTED AS A GROUP OR AS
A FUGITIVE EMISSION SOURCE
☐ MARK SOURCE FOR DELETION FROM TH
EMISSION STATEMENT DATABASE AS IT
NO LONGER EXISTS
☐ SOURCE DID NOT EMIT ANY AIR
CONTAMINANTS

EMISSION YEAR: 95

SOURCE # 0002-0001

NJ ID EMISSION UNIT NUMBER

PERMIT # 110692

POLLUTANT CATEGORY VOC NOx CO SO2 TSP PM-10

SOURCE DESCRIPTION (NJDEP) A CLEVER-BROOKS, MODEL #CB-400-200

SOURCE DESCRIPTION (FACILITY) BOILER #1

FACILITY SOURCE ID

STACK HEIGHT 20 FT AVERAGE EXHAUST FLOW RATE 3062 ACFM AVERAGE EXHAUST TEMPERATURE 400 F STACK DIAMETER 1 FT

FORM(s)

% QUARTERLY THROUGHPUTS 16.4 27.2 36.7 19.7

- ☒ B FUEL BURNING
☐ C TANKS
☐ D BATCH PROCESS ID NO.
☐ E COATING ID NO.
☐ F OTHER
☐ G WASTEWATER NJPDES ID NO.
☐ H LANDFILL ID NO.
☐ P PARTICULATE ROOM ID NO.

- ☐ SOURCE DID NOT OPERATE IN 1995
☐ SOURCE REPORTED AS A GROUP OR AS
A FUGITIVE EMISSION SOURCE
☐ MARK SOURCE FOR DELETION FROM TH
EMISSION STATEMENT DATABASE AS IT
NO LONGER EXISTS
☐ SOURCE DID NOT EMIT ANY AIR
CONTAMINANTS

ANNUAL EMISSION STATEMENT
FORM A, PART 2 - PROCESS IDENTIFICATION DATA FOR ADDITIONAL
SOURCES NOT LISTED ON FORM A, PART 2

843710073

Page 2

PLEASE SEE INSTRUCTION BOOKLET SECTION A FOR INFORMATION ON FILLING OUT THIS FORM.

FORM FOR ESTIMATES OF ACTUAL EMISSIONS
(CHECK ALL THAT APPLY FOR EACH SOURCE
AND FILL OUT CORRESPONDING FORMS)

QUARTER BEGINNING

DEC	MAR	JUN	SEP
JAN	APR	JUL	OCT
FEB	MAY	AUG	NOV

EMISSION YEAR: 95

SOURCE # 0003-0001

NJ ID EMISSION UNIT NUMBER

Plant ID 06262

FORM(s)

% QUARTERLY THROUGHPUTS 25.0 25.0 25.0 25.0

☐ B FUEL BURNING

☐ C TANKS

☐ SOURCE DID NOT OPERATE IN 1995

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
ANNUAL EMISSION STATEMENT
FORM A, PART 2 - PROCESS IDENTIFICATION DATA FOR ADDITIONAL
SOURCES NOT LISTED ON FORM A, PART 2

Page 1

PLEASE SEE INSTRUCTION BOOKLET SECTION A FOR INFORMATION ON FILLING OUT THIS FORM.

FORM FOR ESTIMATES OF ACTUAL EMISSIONS
(CHECK ALL THAT APPLY FOR EACH SOURCE
AND FILL OUT CORRESPONDING FORMS)

QUARTER BEGINNING

DEC	MAR	JUN	SEP
JAN	APR	JUL	OCT
FEB	MAY	AUG	NOV

EMISSION YEAR: 95

SOURCE # 0001-0001

NJ ID EMISSION UNIT NUMBER

PERMIT # 085425

POLLUTANT CATEGORY VOC TSP PM-10

SOURCE DESCRIPTION (NJDEP) REFLUX REACTOR 5000 GALLON

SOURCE DESCRIPTION (FACILITY) LR/R

FACILITY SOURCE ID

FORM(s)

% QUARTERLY THROUGHPUTS 25.0 25.0 25.0 25.0

☐ B FUEL BURNING

☐ C TANKS

☒ D BATCH PROCESS ID NO.B001

☐ E COATING ID NO.

☐ F OTHER

☐ G WASTEWATER NJPDES ID NO.

☐ H LANDFILL ID NO.

☐ P PARTICULATE ROOM ID NO.

☐ SOURCE DID NOT OPERATE IN 1995

☐ SOURCE REPORTED AS A GROUP OR AS
A FUGITIVE EMISSION SOURCE

☐ MARK SOURCE FOR DELETION FROM TH
EMISSION STATEMENT DATABASE AS IT
NO LONGER EXISTS

☐ SOURCE DID NOT EMIT ANY AIR
CONTAMINANTS

STACK HEIGHT 35 FT AVERAGE EXHAUST FLOW RATE 15 ACFM AVERAGE EXHAUST TEMPERATURE 120 F STACK DIAMETER 0 FT

EMISSION YEAR: 95

SOURCE # 0002-0001

NJ ID EMISSION UNIT NUMBER

PERMIT # 110692

POLLUTANT CATEGORY VOC NOx CO SO2 TSP PM-10

SOURCE DESCRIPTION (NJDEP) A CLEVER-BROOKS, MODEL #CB-400-200

FORM(s)

% QUARTERLY THROUGHPUTS 16.4 27.2 36.7 19.7

☒ B FUEL BURNING

☐ C TANKS

☐ D BATCH PROCESS ID NO.

☐ E COATING ID NO.

☐ F OTHER

☐ G WASTEWATER NJPDES ID NO.

☐ H LANDFILL ID NO.

☐ SOURCE DID NOT OPERATE IN 1995

☐ SOURCE REPORTED AS A GROUP OR AS
A FUGITIVE EMISSION SOURCE

☐ MARK SOURCE FOR DELETION FROM TH
EMISSION STATEMENT DATABASE AS IT
NO LONGER EXISTS

Plant ID 06262

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
ANNUAL EMISSION STATEMENT
FORM A, PART 2 - PROCESS IDENTIFICATION DATA FOR ADDITIONAL
SOURCES NOT LISTED ON FORM A, PART 2

Page 2

PLEASE SEE INSTRUCTION BOOKLET SECTION A FOR INFORMATION ON FILLING OUT THIS FORM.

FORM FOR ESTIMATES OF ACTUAL EMISSIONS
 (CHECK ALL THAT APPLY FOR EACH SOURCE
 AND FILL OUT CORRESPONDING FORMS)

QUARTER BEGINNING

DEC	MAR	JUN	SEP
JAN	APR	JUL	OCT
FEB	MAY	AUG	NOV

EMISSION YEAR: 95

SOURCE # 0003-0001

NJ ID EMISSION UNIT NUMBER

FORM(s)

% QUARTERLY THROUGHPUTS 25.0 25.0 25.0 25.0

☐ B FUEL BURNING☐ C TANKS☐ SOURCE DID NOT OPERATE IN 1995

Plant ID 06262

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
ANNUAL EMISSION STATEMENT
FORM A, PART 2 - PROCESS IDENTIFICATION DATA FOR ADDITIONAL
SOURCES NOT LISTED ON FORM A, PART 2

Page 1

PLEASE SEE INSTRUCTION BOOKLET SECTION A FOR INFORMATION ON FILLING OUT THIS FORM.

FORM FOR ESTIMATES OF ACTUAL EMISSIONS
 (CHECK ALL THAT APPLY FOR EACH SOURCE
 AND FILL OUT CORRESPONDING FORMS)

QUARTER BEGINNING

DEC	MAR	JUN	SEP
JAN	APR	JUL	OCT
FEB	MAY	AUG	NOV

EMISSION YEAR: 95

SOURCE # 0001-0001

NJ ID EMISSION UNIT NUMBER

FORM(s)

% QUARTERLY THROUGHPUTS 25.0 25.0 25.0 25.0

☐ B FUEL BURNING☐ C TANKS☐ SOURCE DID NOT OPERATE IN 1995☒ D BATCH PROCESS ID NO. B001☐ E COATING ID NO.☐ SOURCE REPORTED AS A GROUP OR AS
A FUGITIVE EMISSION SOURCE☐ F OTHER☐ G WASTEWATER NJPDES ID NO.☐ MARK SOURCE FOR DELETION FROM TH
EMISSION STATEMENT DATABASE AS IT
NO LONGER EXISTS☐ H LANDFILL ID NO.☐ P PARTICULATE ROOM ID NO.☐ SOURCE DID NOT EMIT ANY AIR
CONTAMINANTS

PERMIT # 085425

POLLUTANT CATEGORY VOC TSP PM-10

SOURCE DESCRIPTION (NJDEP) REFLUX REACTOR 5000 GALLON

SOURCE DESCRIPTION (FACILITY) LR/R

FACILITY SOURCE ID

STACK HEIGHT	35	FT	AVERAGE EXHAUST FLOW RATE	15	ACFM	AVERAGE EXHAUST TEMPERATURE	120	F	STACK DIAMETER	0	FT
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EMISSION YEAR: 95

FORM(s)

% QUARTERLY THROUGHPUTS 16.4 27.2 36.7 19.7

☒ B FUEL BURNING

ANNUAL EMISSION STATEMENT
FORM A, PART 2 - PROCESS IDENTIFICATION DATA FOR ADDITIONAL
SOURCES NOT LISTED ON FORM A, PART 2

843710075

Page 3

PLEASE SEE INSTRUCTION BOOKLET SECTION A FOR INFORMATION ON FILLING OUT THIS FORM.

FORM FOR ESTIMATES OF ACTUAL EMISSIONS
(CHECK ALL THAT APPLY FOR EACH SOURCE
AND FILL OUT CORRESPONDING FORMS)

QUARTER BEGINNING

DEC	MAR	JUN	SEP
JAN	APR	JUL	OCT
FEB	MAY	AUG	NOV

EMISSION YEAR: 95

SOURCE # 0003-0005

NJ ID EMISSION UNIT NUMBER

PERMIT # 104820

POLLUTANT CATEGORY VOC NOx CO SO2 TSP PM-10

SOURCE DESCRIPTION (NJDEP) CATALYTIC OXIDIZER

SOURCE DESCRIPTION (FACILITY) CATALYTIC OXIDIZER

FACILITY SOURCE ID

STACK HEIGHT 40 FT AVERAGE EXHAUST FLOW RATE 6500 ACFM AVERAGE EXHAUST TEMPERATURE 321 F STACK DIAMETER 2 FT

FORM(s)

% QUARTERLY THROUGHPUTS 25.3 21.1 22.5 23.5

☐ B FUEL BURNING

☐ C TANKS

☐ D BATCH PROCESS ID NO.

☐ E COATING ID NO.

☒ F OTHER

☐ G WASTEWATER NJPDES ID NO.

☐ H LANDFILL ID NO.

☐ P PARTICULATE ROOM ID NO.

☐ SOURCE DID NOT OPERATE IN 1995

☐ SOURCE REPORTED AS A GROUP OR AS
A FUGITIVE EMISSION SOURCE

☐ MARK SOURCE FOR DELETION FROM TH
EMISSION STATEMENT DATABASE AS IT
NO LONGER EXISTS

☐ SOURCE DID NOT EMIT ANY AIR
CONTAMINANTS

EMISSION YEAR: 95

SOURCE # 0004-0001

NJ ID EMISSION UNIT NUMBER

PERMIT # 100712

POLLUTANT CATEGORY VOC

SOURCE DESCRIPTION (NJDEP) AIR EMISSIONS FROM FILTER PRESS3

SOURCE DESCRIPTION (FACILITY) FILTER PRESS #3

FACILITY SOURCE ID

STACK HEIGHT 23 FT AVERAGE EXHAUST FLOW RATE 9000 ACFM AVERAGE EXHAUST TEMPERATURE 80 F STACK DIAMETER 1 FT

FORM(s)

% QUARTERLY THROUGHPUTS 25.0 25.0 25.0 25.0

☐ B FUEL BURNING

☐ C TANKS

☒ D BATCH PROCESS ID NO.B003

☐ E COATING ID NO.

☐ F OTHER

☐ G WASTEWATER NJPDES ID NO.

☐ H LANDFILL ID NO.

☐ P PARTICULATE ROOM ID NO.

☐ SOURCE DID NOT OPERATE IN 1995

☐ SOURCE REPORTED AS A GROUP OR AS
A FUGITIVE EMISSION SOURCE

☐ MARK SOURCE FOR DELETION FROM TH
EMISSION STATEMENT DATABASE AS IT
NO LONGER EXISTS

☐ SOURCE DID NOT EMIT ANY AIR
CONTAMINANTS

ANNUAL EMISSION STATEMENT
FORM A, PART 2 - PROCESS IDENTIFICATION DATA FOR ADDITIONAL
SOURCES NOT LISTED ON FORM A, PART 2

843710076

PLEASE SEE INSTRUCTION BOOKLET SECTION A FOR INFORMATION ON FILLING OUT THIS FORM.

QUARTER BEGINNING

FORM FOR ESTIMATES OF ACTUAL EMISSIONS
(CHECK ALL THAT APPLY FOR EACH SOURCE
AND FILL OUT CORRESPONDING FORMS)

DEC JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV

EMISSION YEAR: 95

SOURCE # 0004-0002

NJ ID EMISSION UNIT NUMBER

PERMIT # 100712

POLLUTANT CATEGORY VOC

SOURCE DESCRIPTION (NJDEP) FUGITIVE EMISSIONS FROM FILTER PRESS #1

SOURCE DESCRIPTION (FACILITY) FILTER PRESS #1

FACILITY SOURCE ID

STACK HEIGHT 23 FT AVERAGE EXHAUST FLOW RATE 9000 ACFM AVERAGE EXHAUST TEMPERATURE 80 F STACK DIAMETER 1 FT

FORM(s)

% QUARTERLY THROUGHPUTS 25.0 25.0 25.0 25.0

☐ B FUEL BURNING

☐ C TANKS

☒ D BATCH PROCESS ID NO B003

☐ E COATING ID NO.

☐ F OTHER

☐ G WASTEWATER NJPDES ID NO.

☐ H LANDFILL ID NO.

☐ P PARTICULATE ROOM ID NO.

☐ SOURCE DID NOT OPERATE IN 1995

☐ SOURCE REPORTED AS A GROUP OR AS
A FUGITIVE EMISSION SOURCE

☐ MARK SOURCE FOR DELETION FROM THE
EMISSION STATEMENT DATABASE AS IT
NO LONGER EXISTS

☐ SOURCE DID NOT EMIT ANY AIR
CONTAMINANTS

EMISSION YEAR: 95

SOURCE # 0004-0003

NJ ID EMISSION UNIT NUMBER

PERMIT # 100712

POLLUTANT CATEGORY VOC

SOURCE DESCRIPTION (NJDEP) FUGITIVE EMISSIONS FROM FILTER PRESS #2

SOURCE DESCRIPTION (FACILITY) FILTER PRESS #2

FACILITY SOURCE ID

STACK HEIGHT 23 FT AVERAGE EXHAUST FLOW RATE 9000 ACFM AVERAGE EXHAUST TEMPERATURE 80 F STACK DIAMETER 1 FT

FORM(s)

% QUARTERLY THROUGHPUTS 25.0 25.0 25.0 25.0

☐ B FUEL BURNING

☐ C TANKS

☒ D BATCH PROCESS ID NO B004

☐ E COATING ID NO.

☐ F OTHER

☐ G WASTEWATER NJPDES ID NO.

☐ H LANDFILL ID NO.

☐ P PARTICULATE ROOM ID NO.

☐ SOURCE DID NOT OPERATE IN 1995

☐ SOURCE REPORTED AS A GROUP OR AS
A FUGITIVE EMISSION SOURCE

☐ MARK SOURCE FOR DELETION FROM THE
EMISSION STATEMENT DATABASE AS IT
NO LONGER EXISTS

☐ SOURCE DID NOT EMIT ANY AIR
CONTAMINANTS

ANNUAL EMISSION STATEMENT
FORM A, PART 2 - PROCESS IDENTIFICATION DATA FOR ADDITIONAL
SOURCES NOT LISTED ON FORM A, PART 2

Page 5

PLEASE SEE INSTRUCTION BOOKLET SECTION A FOR INFORMATION ON FILLING OUT THIS FORM.

FORM FOR ESTIMATES OF ACTUAL EMISSIONS
(CHECK ALL THAT APPLY FOR EACH SOURCE
AND FILL OUT CORRESPONDING FORMS)

QUARTER BEGINNING

DEC JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV

EMISSION YEAR: 95

SOURCE # 0005-0001

NJ ID EMISSION UNIT NUMBER

PERMIT # 109760

POLLUTANT CATEGORY VOC TSP PM-10

SOURCE DESCRIPTION (NJDEP) FUGITIVE AIR EMISSIONS FROM REFLUX REACTOR

SOURCE DESCRIPTION (FACILITY) PR #1

FACILITY SOURCE ID

STACK HEIGHT 6 FT AVERAGE EXHAUST FLOW RATE 9200 ACFM AVERAGE EXHAUST TEMPERATURE 70 F STACK DIAMETER 7 FT

FORM(s)

% QUARTERLY THROUGHPUTS 25.0 25.0 25.0 25.0

☐ B FUEL BURNING

☐ C TANKS

☒ D BATCH PROCESS ID NO.B002

☐ E COATING ID NO.

☐ F OTHER

☐ G WASTEWATER NJPDES ID NO.

☐ H LANDFILL ID NO.

☐ P PARTICULATE ROOM ID NO.

☐ SOURCE DID NOT OPERATE IN 1995

☐ SOURCE REPORTED AS A GROUP OR AS
A FUGITIVE EMISSION SOURCE

☐ MARK SOURCE FOR DELETION FROM TH
EMISSION STATEMENT DATABASE AS IT
NO LONGER EXISTS

☐ SOURCE DID NOT EMIT ANY AIR
CONTAMINANTS

EMISSION YEAR: 95

SOURCE # 0006-0001

NJ ID EMISSION UNIT NUMBER

PERMIT # 081377

POLLUTANT CATEGORY VOC

SOURCE DESCRIPTION (NJDEP) AIR EMISSIONS FROM FILTER PRESS

SOURCE DESCRIPTION (FACILITY) FILTER PRESSES #4 AND #5

FACILITY SOURCE ID

STACK HEIGHT 20 FT AVERAGE EXHAUST FLOW RATE 2077 ACFM AVERAGE EXHAUST TEMPERATURE 80 F STACK DIAMETER 2 FT

FORM(s)

% QUARTERLY THROUGHPUTS 25.0 25.0 25.0 25.0

☐ B FUEL BURNING

☐ C TANKS

☒ D BATCH PROCESS ID NO.B005

☐ E COATING ID NO.

☐ F OTHER

☐ G WASTEWATER NJPDES ID NO.

☐ H LANDFILL ID NO.

☐ P PARTICULATE ROOM ID NO.

☐ SOURCE DID NOT OPERATE IN 1995

☐ SOURCE REPORTED AS A GROUP OR AS
A FUGITIVE EMISSION SOURCE

☐ MARK SOURCE FOR DELETION FROM TH
EMISSION STATEMENT DATABASE AS IT
NO LONGER EXISTS

☐ SOURCE DID NOT EMIT ANY AIR
CONTAMINANTS

843710077

ANNUAL EMISSION STATEMENT
FORM A, PART 2 - PROCESS IDENTIFICATION DATA FOR ADDITIONAL
SOURCES NOT LISTED ON FORM A, PART 2

Page 5

PLEASE SEE INSTRUCTION BOOKLET SECTION A FOR INFORMATION ON FILLING OUT THIS FORM.

FORM FOR ESTIMATES OF ACTUAL EMISSIONS
(CHECK ALL THAT APPLY FOR EACH SOURCE
AND FILL OUT CORRESPONDING FORM(S))

QUARTER BEGINNING

DEC JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV

EMISSION YEAR: 95

SOURCE # 0007-0001

NJ ID EMISSION UNIT NUMBER

PERMIT # 109250

POLLUTANT CATEGORY VOC

SOURCE DESCRIPTION (NJDEP) 6000 GAL STORAGE TANK

SOURCE DESCRIPTION (FACILITY) METHANOL STORAGE TANK

FACILITY SOURCE ID

STACK HEIGHT 16 FT AVERAGE EXHAUST FLOW RATE 1 ACFM AVERAGE EXHAUST TEMPERATURE 70 F STACK DIAMETER 2 FT

FORM(S)

% QUARTERLY THROUGHPUTS 25.0 25.0 25.0 25.0

☐ B FUEL BURNING

☒ C TANKS

☐ D BATCH PROCESS ID NO.

☐ E COATING ID NO.

☐ F OTHER

☐ G WASTEWATER NJPDES ID NO.

☐ H LANDFILL ID NO.

☐ P PARTICULATE ROOM ID NO.

☐ SOURCE DID NOT OPERATE IN 1995

☐ SOURCE REPORTED AS A GROUP OR AS
A FUGITIVE EMISSION SOURCE

☐ MARK SOURCE FOR DELETION FROM THE
EMISSION STATEMENT DATABASE AS IT
NO LONGER EXISTS

☐ SOURCE DID NOT EMIT ANY AIR
CONTAMINANTS

EMISSION YEAR: 95

SOURCE # 0008-0001

NJ ID EMISSION UNIT NUMBER

PERMIT # 109251

POLLUTANT CATEGORY VOC

SOURCE DESCRIPTION (NJDEP) 10000 GAL TANK

SOURCE DESCRIPTION (FACILITY) METHANOL STORAGE TANK

FACILITY SOURCE ID

STACK HEIGHT 17 FT AVERAGE EXHAUST FLOW RATE 1 ACFM AVERAGE EXHAUST TEMPERATURE 70 F STACK DIAMETER 0 FT

FORM(S)

% QUARTERLY THROUGHPUTS 25.0 25.0 25.0 25.0

☐ B FUEL BURNING

☒ C TANKS

☐ D BATCH PROCESS ID NO.

☐ E COATING ID NO.

☐ F OTHER

☐ G WASTEWATER NJPDES ID NO.

☐ H LANDFILL ID NO.

☐ P PARTICULATE ROOM ID NO.

☐ SOURCE DID NOT OPERATE IN 1995

☐ SOURCE REPORTED AS A GROUP OR AS
A FUGITIVE EMISSION SOURCE

☐ MARK SOURCE FOR DELETION FROM THE
EMISSION STATEMENT DATABASE AS IT
NO LONGER EXISTS

☐ SOURCE DID NOT EMIT ANY AIR
CONTAMINANTS

843710078

Page 7

ANNUAL EMISSION STATEMENT
FORM A, PART 2 - PROCESS IDENTIFICATION DATA FOR ADDITIONAL
SOURCES NOT LISTED ON FORM A, PART 2

PLEASE SEE INSTRUCTION BOOKLET SECTION A FOR INFORMATION ON FILLING OUT THIS FORM.

FORM FOR ESTIMATES OF ACTUAL EMISSIONS
(CHECK ALL THAT APPLY FOR EACH SOURCE
AND FILL OUT CORRESPONDING FORMS)

QUARTER BEGINNING

EMISSION YEAR: 95

SOURCE # 0009-0001

NJ ID EMISSION UNIT NUMBER

PERMIT # 100646

POLLUTANT CATEGORY VOC

SOURCE DESCRIPTION (NJDEP) 4000 GALLON PROCESS TANK

SOURCE DESCRIPTION (FACILITY) SM O S/S

FACILITY SOURCE ID

STACK HEIGHT 13 FT AVERAGE EXHAUST FLOW RATE 4 ACFM AVERAGE EXHAUST TEMPERATURE 70 F STACK DIAMETER 2 FT

FORM(s)

% QUARTERLY THROUGHPUTS 25.0 25.0 25.0 25.0

☐ B FUEL BURNING

☐ C TANKS

☒ D BATCH PROCESS ID NO B004

☐ E COATING ID NO.

☐ F OTHER

☐ G WASTEWATER NJPDES ID NO.

☐ H LANDFILL ID NO.

☐ P PARTICULATE ROOM ID NO.

☐ SOURCE DID NOT OPERATE IN 1995

☐ SOURCE REPORTED AS A GROUP OR AS
A FUGITIVE EMISSION SOURCE

☐ MARK SOURCE FOR DELETION FROM TH
EMISSION STATEMENT DATABASE AS IT
NO LONGER EXISTS

☐ SOURCE DID NOT EMIT ANY AIR
CONTAMINANTS

EMISSION YEAR: 95

SOURCE # 0010-0001

NJ ID EMISSION UNIT NUMBER

PERMIT # 109761

POLLUTANT CATEGORY VOC

SOURCE DESCRIPTION (NJDEP) 6000 GALLON PROCESS TANK

SOURCE DESCRIPTION (FACILITY) LG O S/S

FACILITY SOURCE ID

STACK HEIGHT 18 FT AVERAGE EXHAUST FLOW RATE 1 ACFM AVERAGE EXHAUST TEMPERATURE 120 F STACK DIAMETER 2 FT

FORM(s)

% QUARTERLY THROUGHPUTS 25.0 25.0 25.0 25.0

☐ B FUEL BURNING

☐ C TANKS

☒ D BATCH PROCESS ID NO B001

☐ E COATING ID NO.

☐ F OTHER

☐ G WASTEWATER NJPDES ID NO.

☐ H LANDFILL ID NO.

☐ P PARTICULATE ROOM ID NO.

☐ SOURCE DID NOT OPERATE IN 1995

☐ SOURCE REPORTED AS A GROUP OR AS
A FUGITIVE EMISSION SOURCE

☐ MARK SOURCE FOR DELETION FROM TH
EMISSION STATEMENT DATABASE AS IT
NO LONGER EXISTS

☐ SOURCE DID NOT EMIT ANY AIR
CONTAMINANTS

843710079

Plant ID 06262

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
ANNUAL EMISSION STATEMENT
FORM A, PART 2 - PROCESS IDENTIFICATION DATA FOR ADDITIONAL
SOURCES NOT LISTED ON FORM A, PART 2

Page 6

PLEASE SEE INSTRUCTION BOOKLET SECTION A FOR INFORMATION ON FILLING OUT THIS FORM.

FORM FOR ESTIMATES OF ACTUAL EMISSIONS
(CHECK ALL THAT APPLY FOR EACH SOURCE
AND FILL OUT CORRESPONDING FORMS)

QUARTER BEGINNING

DEC	MAR	JUN	SEP
JAN	APR	JUL	OCT
FEB	MAY	AUG	NOV

EMISSION YEAR: 95

SOURCE # 0011-0001

NJ ID EMISSION UNIT NUMBER

PERMIT # 091750

POLLUTANT CATEGORY VOC

SOURCE DESCRIPTION (NJDEP) EXHAUST FAN

SOURCE DESCRIPTION (FACILITY) FILTER PRESS #6

FACILITY SOURCE ID

STACK HEIGHT	12	FT	AVERAGE EXHAUST FLOW RATE	6329	ACFM	AVERAGE EXHAUST TEMPERATURE	70	F	STACK DIAMETER	1	FT
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FORM(s)

☐ B FUEL BURNING☐ C TANKS☒ D BATCH PROCESS ID NO.B007☐ E COATING ID NO.☐ F OTHER☐ G WASTEWATER NJPDES ID NO.☐ H LANDFILL ID NO.☐ P PARTICULATE ROOM ID NO.☐ SOURCE DID NOT OPERATE IN 1995☐ SOURCE REPORTED AS A GROUP OR AS
A FUGITIVE EMISSION SOURCE☐ MARK SOURCE FOR DELETION FROM THE
EMISSION STATEMENT DATABASE AS IT
NO LONGER EXISTS☐ SOURCE DID NOT EMIT ANY AIR
CONTAMINANTS

EMISSION YEAR: 95

SOURCE # 0013-0001

NJ ID EMISSION UNIT NUMBER

PERMIT # 091752

POLLUTANT CATEGORY VOC

SOURCE DESCRIPTION (NJDEP) FILTER PRESS #7

SOURCE DESCRIPTION (FACILITY) FILTER PRESS #7

FACILITY SOURCE ID

STACK HEIGHT	12	FT	AVERAGE EXHAUST FLOW RATE	6329	ACFM	AVERAGE EXHAUST TEMPERATURE	70	F	STACK DIAMETER	2	FT
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FORM(s)

☐ B FUEL BURNING☐ C TANKS☒ D BATCH PROCESS ID NO.B007☐ E COATING ID NO.☐ F OTHER☐ G WASTEWATER NJPDES ID NO.☐ H LANDFILL ID NO.☐ P PARTICULATE ROOM ID NO.☐ SOURCE DID NOT OPERATE IN 1995☐ SOURCE REPORTED AS A GROUP OR AS
A FUGITIVE EMISSION SOURCE☐ MARK SOURCE FOR DELETION FROM THE
EMISSION STATEMENT DATABASE AS IT
NO LONGER EXISTS☐ SOURCE DID NOT EMIT ANY AIR
CONTAMINANTS

ANNUAL EMISSION STATEMENT

Page 9

FORM A, PART 2 - PROCESS IDENTIFICATION DATA FOR ADDITIONAL
SOURCES NOT LISTED ON FORM A, PART 2

PLEASE SEE INSTRUCTION BOOKLET SECTION A FOR INFORMATION ON FILLING OUT THIS FORM.

QUARTER BEGINNING

FORM FOR ESTIMATES OF ACTUAL EMISSIONS
(CHECK ALL THAT APPLY FOR EACH SOURCE
AND FILL OUT CORRESPONDING FORMS)

DEC JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV

EMISSION YEAR: 95

SOURCE # 0013-0002

NJ ID EMISSION UNIT NUMBER

PERMIT # 091752

POLLUTANT CATEGORY VOC

SOURCE DESCRIPTION (NJDEP) FILTER PRESS #8

SOURCE DESCRIPTION (FACILITY) FILTER PRESS #8

FACILITY SOURCE ID

STACK HEIGHT 12 FT AVERAGE EXHAUST FLOW RATE 6329 ACFM AVERAGE EXHAUST TEMPERATURE 70 F STACK DIAMETER 2 FT

FORM(s)

% QUARTERLY THROUGHPUTS 25.0 25.0 25.0 25.0

☐ B FUEL BURNING☐ C TANKS☒ D BATCH PROCESS ID NO B007☐ E COATING ID NO.☐ F OTHER☐ G WASTEWATER NJPDES ID NO.☐ H LANDFILL ID NO.☐ P PARTICULATE ROOM ID NO.☐ SOURCE DID NOT OPERATE IN 1995☐ SOURCE REPORTED AS A GROUP OR AS
A FUGITIVE EMISSION SOURCE☐ MARK SOURCE FOR DELETION FROM THE
EMISSION STATEMENT DATABASE AS IT
NO LONGER EXISTS☐ SOURCE DID NOT EMIT ANY AIR
CONTAMINANTS

EMISSION YEAR: 95

SOURCE # 0014-0001

NJ ID EMISSION UNIT NUMBER

PERMIT # 101248

POLLUTANT CATEGORY VOC TSP PM-10

SOURCE DESCRIPTION (NJDEP) DRYING OF ORGANIC PIGMENTS IN GAS-FIRED DRYER #

SOURCE DESCRIPTION (FACILITY) DRYER #3

FACILITY SOURCE ID

STACK HEIGHT 33 FT AVERAGE EXHAUST FLOW RATE 2140 ACFM AVERAGE EXHAUST TEMPERATURE 140 F STACK DIAMETER 3 FT

FORM(s)

% QUARTERLY THROUGHPUTS 25.0 25.0 25.0 25.0

☐ B FUEL BURNING☐ C TANKS☒ D BATCH PROCESS ID NO B007☐ E COATING ID NO.☐ F OTHER☐ G WASTEWATER NJPDES ID NO.☐ H LANDFILL ID NO.☐ P PARTICULATE ROOM ID NO.☐ SOURCE DID NOT OPERATE IN 1995☐ SOURCE REPORTED AS A GROUP OR AS
A FUGITIVE EMISSION SOURCE☐ MARK SOURCE FOR DELETION FROM THE
EMISSION STATEMENT DATABASE AS IT
NO LONGER EXISTS☐ SOURCE DID NOT EMIT ANY AIR
CONTAMINANTS

843710081

ANNUAL EMISSION STATEMENT
FORM A, PART 2 - PROCESS IDENTIFICATION DATA FOR ADDITIONAL
SOURCES NOT LISTED ON FORM A, PART 2

PLEASE SEE INSTRUCTION BOOKLET SECTION A FOR INFORMATION ON FILLING OUT THIS FORM.

FORM FOR ESTIMATES OF ACTUAL EMISSIONS
(CHECK ALL THAT APPLY FOR EACH SOURCE
AND FILL OUT CORRESPONDING FORMS)

QUARTER BEGINNING

DEC	MAR	JUN	SEP
JAN	APR	JUL	OCT
FEB	MAY	AUG	NOV

EMISSION YEAR: 95

SOURCE # 0016-0001

NJ ID EMISSION UNIT NUMBER

PERMIT # 101250

POLLUTANT CATEGORY VOC

SOURCE DESCRIPTION (NJDEP) FUGITIVE EMISSIONS FROM A 6,000 GALLON PRESSURE

SOURCE DESCRIPTION (FACILITY) PRESSURE REACTOR #2

FACILITY SOURCE ID

STACK HEIGHT 16 FT AVERAGE EXHAUST FLOW RATE 8 ACFM AVERAGE EXHAUST TEMPERATURE 70 F STACK DIAMETER 2 FT

FORM(s)

% QUARTERLY THROUGHPUTS 25.0 25.0 25.0 25.0

☐ B FUEL BURNING

☐ C TANKS

☒ D BATCH PROCESS ID NO B002

☐ E COATING ID NO.

☐ F OTHER

☐ G WASTEWATER NJPDES ID NO.

☐ H LANDFILL ID NO.

☐ P PARTICULATE ROOM ID NO.

☐ SOURCE DID NOT OPERATE IN 1995

☐ SOURCE REPORTED AS A GROUP OR AS
A FUGITIVE EMISSION SOURCE

☐ MARK SOURCE FOR DELETION FROM THE
EMISSION STATEMENT DATABASE AS IT
NO LONGER EXISTS

☐ SOURCE DID NOT EMIT ANY AIR
CONTAMINANTS

EMISSION YEAR: 95

SOURCE # 0017-0001

NJ ID EMISSION UNIT NUMBER

PERMIT # 101251

POLLUTANT CATEGORY VOC

SOURCE DESCRIPTION (NJDEP) 6000 GALLON MANUFACTURING PROCESS VESSEL

SOURCE DESCRIPTION (FACILITY) HOLD TANK #1

FACILITY SOURCE ID

STACK HEIGHT 18 FT AVERAGE EXHAUST FLOW RATE 1 ACFM AVERAGE EXHAUST TEMPERATURE 70 F STACK DIAMETER 1 FT

FORM(s)

% QUARTERLY THROUGHPUTS 25.0 25.0 25.0 25.0

☐ B FUEL BURNING

☐ C TANKS

☒ D BATCH PROCESS ID NO B001

☐ E COATING ID NO.

☐ F OTHER

☐ G WASTEWATER NJPDES ID NO.

☐ H LANDFILL ID NO.

☐ P PARTICULATE ROOM ID NO.

☐ SOURCE DID NOT OPERATE IN 1995

☐ SOURCE REPORTED AS A GROUP OR AS
A FUGITIVE EMISSION SOURCE

☐ MARK SOURCE FOR DELETION FROM THE
EMISSION STATEMENT DATABASE AS IT
NO LONGER EXISTS

☐ SOURCE DID NOT EMIT ANY AIR
CONTAMINANTS

843710082

ANNUAL EMISSION STATEMENT
FORM A, PART 2 - PROCESS IDENTIFICATION DATA FOR ADDITIONAL
SOURCES NOT LISTED ON FORM A, PART 2

PLEASE SEE INSTRUCTION BOOKLET SECTION A FOR INFORMATION ON FILLING OUT THIS FORM.

QUARTER BEGINNING

FORM FOR ESTIMATES OF ACTUAL EMISSIONS
(CHECK ALL THAT APPLY FOR EACH SOURCE
AND FILL OUT CORRESPONDING FORMS)

DEC	MAR	JUN	SEP
JAN	APR	JUL	OCT
FEB	MAY	AUG	NOV

EMISSION YEAR: 95

SOURCE # 0018-0001

NJ ID EMISSION UNIT NUMBER

PERMIT # 109953

POLLUTANT CATEGORY VOC

SOURCE DESCRIPTION (NJDEP) 4,500 GAL TANK IS USED FOR STORAGE OF MINERAL SPI

SOURCE DESCRIPTION (FACILITY) MINERAL SPIRITS TANK

FACILITY SOURCE ID

STACK HEIGHT 19 FT AVERAGE EXHAUST FLOW RATE 1 ACFM AVERAGE EXHAUST TEMPERATURE 70 F STACK DIAMETER 1 FT

FORM(s)

% QUARTERLY THROUGHPUTS 25 25 25 25

☐ B FUEL BURNING

☒ C TANKS

☐ D BATCH PROCESS ID NO.

☐ E COATING ID NO.

☐ F OTHER

☐ G WASTEWATER NJPDES ID NO.

☐ H LANDFILL ID NO.

☐ P PARTICULATE ROOM ID NO.

☐ SOURCE DID NOT OPERATE IN 1995

☐ SOURCE REPORTED AS A GROUP OR AS
A FUGITIVE EMISSION SOURCE

☐ MARK SOURCE FOR DELETION FROM THE
EMISSION STATEMENT DATABASE AS IT
NO LONGER EXISTS

☐ SOURCE DID NOT EMIT ANY AIR
CONTAMINANTS

EMISSION YEAR: 95

SOURCE # 0020-0001

NJ ID EMISSION UNIT NUMBER

PERMIT # 111789

POLLUTANT CATEGORY TSP PM-10

SOURCE DESCRIPTION (NJDEP) DUST EMISSIONS ARE EMITTED DURING THE LOADING OF

SOURCE DESCRIPTION (FACILITY) GLASS LINED REACTOR #1

FACILITY SOURCE ID

STACK HEIGHT 30 FT AVERAGE EXHAUST FLOW RATE 1642 ACFM AVERAGE EXHAUST TEMPERATURE 120 F STACK DIAMETER 8 FT

FORM(s)

% QUARTERLY THROUGHPUTS 25 25 25 25

☐ B FUEL BURNING

☐ C TANKS

☒ D BATCH PROCESS ID NO B001

☐ E COATING ID NO.

☐ F OTHER

☐ G WASTEWATER NJPDES ID NO.

☐ H LANDFILL ID NO.

☐ P PARTICULATE ROOM ID NO.

☐ SOURCE DID NOT OPERATE IN 1995

☐ SOURCE REPORTED AS A GROUP OR AS
A FUGITIVE EMISSION SOURCE

☐ MARK SOURCE FOR DELETION FROM THE
EMISSION STATEMENT DATABASE AS IT
NO LONGER EXISTS

☐ SOURCE DID NOT EMIT ANY AIR
CONTAMINANTS

843710083

ANNUAL EMISSION STATEMENT
FORM A, PART 2 - PROCESS IDENTIFICATION DATA FOR ADDITIONAL
SOURCES NOT LISTED ON FORM A, PART 2

PLEASE SEE INSTRUCTION BOOKLET SECTION A FOR INFORMATION ON FILLING OUT THIS FORM.

FORM FOR ESTIMATES OF ACTUAL EMISSIONS
(CHECK ALL THAT APPLY FOR EACH SOURCE
AND FILL OUT CORRESPONDING FORMS)

QUARTER BEGINNING

DEC	MAR	JUN	SEP
JAN	APR	JUL	OCT
FEB	MAY	AUG	NOV

EMISSION YEAR: 95

SOURCE # 0020-0002

NJ ID EMISSION UNIT NUMBER

PERMIT # 111789

POLLUTANT CATEGORY TSP PM-10

SOURCE DESCRIPTION (NJDEP) DUST EMISSIONS ARE EMITTED DURING THE LOADING OF

SOURCE DESCRIPTION (FACILITY) GLASS LINED REACTOR #2

FACILITY SOURCE ID

STACK HEIGHT 30 FT AVERAGE EXHAUST FLOW RATE 1642 ACFM AVERAGE EXHAUST TEMPERATURE 120 F STACK DIAMETER 8 FT

FORM(s)

% QUARTERLY THROUGHPUTS 25 25 25 25

☐ B FUEL BURNING

☐ C TANKS

☒ D BATCH PROCESS ID NO B001

☐ E COATING ID NO.

☐ F OTHER

☐ G WASTEWATER NJPDES ID NO.

☐ H LANDFILL ID NO.

☐ P PARTICULATE ROOM ID NO.

☐ SOURCE DID NOT OPERATE IN 1995

☐ SOURCE REPORTED AS A GROUP OR AS
A FUGITIVE EMISSION SOURCE

☐ MARK SOURCE FOR DELETION FROM THE
EMISSION STATEMENT DATABASE AS IT
NO LONGER EXISTS

☐ SOURCE DID NOT EMIT ANY AIR
CONTAMINANTS

EMISSION YEAR: 95

SOURCE # 0021-0001

NJ ID EMISSION UNIT NUMBER

PERMIT # 111790

POLLUTANT CATEGORY VOC

SOURCE DESCRIPTION (NJDEP) BLUE S/S TANK

SOURCE DESCRIPTION (FACILITY) BLUE S/S TANK

FACILITY SOURCE ID

STACK HEIGHT 22 FT AVERAGE EXHAUST FLOW RATE 9400 ACFM AVERAGE EXHAUST TEMPERATURE 70 F STACK DIAMETER 7 FT

FORM(s)

% QUARTERLY THROUGHPUTS 25.0 25.0 25.0 25.0

☐ B FUEL BURNING

☐ C TANKS

☒ D BATCH PROCESS ID NO B001

☐ E COATING ID NO.

☐ F OTHER

☐ G WASTEWATER NJPDES ID NO.

☐ H LANDFILL ID NO.

☐ P PARTICULATE ROOM ID NO.

☐ SOURCE DID NOT OPERATE IN 1995

☐ SOURCE REPORTED AS A GROUP OR AS
A FUGITIVE EMISSION SOURCE

☐ MARK SOURCE FOR DELETION FROM THE
EMISSION STATEMENT DATABASE AS IT
NO LONGER EXISTS

☐ SOURCE DID NOT EMIT ANY AIR
CONTAMINANTS

843710084

ANNUAL EMISSION STATEMENT
FORM A, PART 2 - PROCESS IDENTIFICATION DATA FOR ADDITIONAL
SOURCES NOT LISTED ON FORM A, PART 2

PLEASE SEE INSTRUCTION BOOKLET SECTION A FOR INFORMATION ON FILLING OUT THIS FORM.

QUARTER BEGINNING

FORM FOR ESTIMATES OF ACTUAL EMISSIONS
(CHECK ALL THAT APPLY FOR EACH SOURCE
AND FILL OUT CORRESPONDING FORMS)

DEC JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV

EMISSION YEAR: 95

SOURCE # 0021-0002

NJ ID EMISSION UNIT NUMBER

PERMIT # 111790

POLLUTANT CATEGORY VOC

SOURCE DESCRIPTION (NJDEP) HAVEG PROCESS TANK

SOURCE DESCRIPTION (FACILITY) HAVEG PROCESS TANK

FACILITY SOURCE ID

STACK HEIGHT 22 FT AVERAGE EXHAUST FLOW RATE 9400 ACFM AVERAGE EXHAUST TEMPERATURE 70 F STACK DIAMETER 7 FT

FORM(s)

% QUARTERLY THROUGHPUTS 25.0 25.0 25.0 25.0

☐ B FUEL BURNING

☐ C TANKS

☒ D BATCH PROCESS ID NO.B001

☐ E COATING ID NO.

☐ F OTHER

☐ G WASTEWATER NJPDES ID NO.

☐ H LANDFILL ID NO.

☐ P PARTICULATE ROOM ID NO.

☐ SOURCE DID NOT OPERATE IN 1995

☐ SOURCE REPORTED AS A GROUP OR AS
A FUGITIVE EMISSION SOURCE

☐ MARK SOURCE FOR DELETION FROM THE
EMISSION STATEMENT DATABASE AS IT
NO LONGER EXISTS

☐ SOURCE DID NOT EMIT ANY AIR
CONTAMINANTS

EMISSION YEAR: 95

SOURCE # 0022-0001

NJ ID EMISSION UNIT NUMBER

PERMIT # 112716

POLLUTANT CATEGORY VOC

SOURCE DESCRIPTION (NJDEP) 10,000 GALLON STORAGE TANK

SOURCE DESCRIPTION (FACILITY) SECONDARY EFFLUENT TANK

FACILITY SOURCE ID

STACK HEIGHT 20 FT AVERAGE EXHAUST FLOW RATE 6 ACFM AVERAGE EXHAUST TEMPERATURE 70 F STACK DIAMETER 1 FT

FORM(s)

% QUARTERLY THROUGHPUTS 25 25 25 25

☐ B FUEL BURNING

☒ C TANKS

☐ D BATCH PROCESS ID NO.

☐ E COATING ID NO.

☐ F OTHER

☐ G WASTEWATER NJPDES ID NO.

☐ H LANDFILL ID NO.

☐ P PARTICULATE ROOM ID NO.

☐ SOURCE DID NOT OPERATE IN 1995

☐ SOURCE REPORTED AS A GROUP OR AS
A FUGITIVE EMISSION SOURCE

☐ MARK SOURCE FOR DELETION FROM THE
EMISSION STATEMENT DATABASE AS IT
NO LONGER EXISTS

☐ SOURCE DID NOT EMIT ANY AIR
CONTAMINANTS

843710085

ANNUAL EMISSION STATEMENT
FORM A, PART 2 - PROCESS IDENTIFICATION DATA FOR ADDITIONAL
SOURCES NOT LISTED ON FORM A, PART 2

PLEASE SEE INSTRUCTION BOOKLET SECTION A FOR INFORMATION ON FILLING OUT THIS FORM.

QUARTER BEGINNING

FORM FOR ESTIMATES OF ACTUAL EMISSIONS
(CHECK ALL THAT APPLY FOR EACH SOURCE
AND FILL OUT CORRESPONDING FORMS)

DEC MAR JUN SEP
JAN APR JUL OCT
FEB MAY AUG NOV

EMISSION YEAR: 95
SOURCE # 0023-0001
NJ ID EMISSION UNIT NUMBER
PERMIT # 112717
POLLUTANT CATEGORY VOC NOx CO SO2 TSP PM-10
SOURCE DESCRIPTION (NJDEP) A CLEAVER-BROOKS, MODEL #CB-400-200 BOILER
SOURCE DESCRIPTION (FACILITY) BOILER #2
FACILITY SOURCE ID
STACK HEIGHT 20 FT AVERAGE EXHAUST FLOW RATE 3062 ACFM AVERAGE EXHAUST TEMPERATURE 400 F STACK DIAMETER 1 FT

FORM(s) % QUARTERLY THROUGHPUTS 32.1 25.5 19.9 27.4

☒ B FUEL BURNING
☐ C TANKS
☐ D BATCH PROCESS ID NO.
☐ E COATING ID NO.
☐ F OTHER
☐ G WASTEWATER NJPDES ID NO.
☐ H LANDFILL ID NO.
☐ P PARTICULATE ROOM ID NO.

☐ SOURCE DID NOT OPERATE IN 1995
☐ SOURCE REPORTED AS A GROUP OR AS A FUGITIVE EMISSION SOURCE
☐ MARK SOURCE FOR DELETION FROM THE EMISSION STATEMENT DATABASE AS IT NO LONGER EXISTS
☐ SOURCE DID NOT EMIT ANY AIR CONTAMINANTS

EMISSION YEAR: 95
SOURCE # 0024-0001
NJ ID EMISSION UNIT NUMBER
PERMIT # 112718
POLLUTANT CATEGORY VOC
SOURCE DESCRIPTION (NJDEP) PACKED DISTILLATION COLUMN
SOURCE DESCRIPTION (FACILITY)
FACILITY SOURCE ID
STACK HEIGHT 19 FT AVERAGE EXHAUST FLOW RATE 2 ACFM AVERAGE EXHAUST TEMPERATURE 100 F STACK DIAMETER 1 FT

FORM(s) % QUARTERLY THROUGHPUTS 25 25 25 25

☐ B FUEL BURNING
☐ C TANKS
☐ D BATCH PROCESS ID NO.
☐ E COATING ID NO.
☒ F OTHER
☐ G WASTEWATER NJPDES ID NO.
☐ H LANDFILL ID NO.
☐ P PARTICULATE ROOM ID NO.

☐ SOURCE DID NOT OPERATE IN 1995
☐ SOURCE REPORTED AS A GROUP OR AS A FUGITIVE EMISSION SOURCE
☐ MARK SOURCE FOR DELETION FROM THE EMISSION STATEMENT DATABASE AS IT NO LONGER EXISTS
☐ SOURCE DID NOT EMIT ANY AIR CONTAMINANTS

843710086

ANNUAL EMISSION STATEMENT
FORM A, PART 1 - PROCESS IDENTIFICATION DATA FOR ADDITIONAL
SOURCES NOT LISTED ON FORM A, PART 2

PLEASE SEE INSTRUCTION BOOKLET SECTION A FOR INFORMATION ON FILLING OUT THIS FORM.

QUARTER BEGINNING

FORM FOR ESTIMATES OF ACTUAL EMISSIONS
(CHECK ALL THAT APPLY FOR EACH SOURCE
AND FILL OUT CORRESPONDING FORMS)

DEC JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV

EMISSION YEAR: 95

SOURCE # 0025-0001

NJ ID EMISSION UNIT NUMBER

PERMIT # 112719

POLLUTANT CATEGORY VOC

SOURCE DESCRIPTION (NJDEP) 10,000 GAL. MANUFACTURING PROCESS VESSEL

SOURCE DESCRIPTION (FACILITY) PRIMARY EFFLUENT TANK

FACILITY SOURCE ID

STACK HEIGHT 23 FT AVERAGE EXHAUST FLOW RATE 1 ACFM AVERAGE EXHAUST TEMPERATURE 70 F STACK DIAMETER 1 FT

FORM(S)

% QUARTERLY THROUGHPUTS 25 25 25 25

☐ B FUEL BURNING

☒ C TANKS

☐ D BATCH PROCESS ID NO.

☐ E COATING ID NO.

☐ F OTHER

☐ G WASTEWATER NJPDES ID NO.

☐ H LANDFILL ID NO.

☐ P PARTICULATE ROOM ID NO.

☐ SOURCE DID NOT OPERATE IN 1995

☐ SOURCE REPORTED AS A GROUP OR AS
A FUGITIVE EMISSION SOURCE

☐ MARK SOURCE FOR DELETION FROM THE
EMISSION STATEMENT DATABASE AS IT
NO LONGER EXISTS

☐ SOURCE DID NOT EMIT ANY AIR
CONTAMINANTS

EMISSION YEAR: 95

SOURCE # 0A01-0001

NJ ID EMISSION UNIT NUMBER

PERMIT #

POLLUTANT CATEGORY VOC NOx CO SO2 TSP PM-10

SOURCE DESCRIPTION (NJDEP)

SOURCE DESCRIPTION (FACILITY) HEATING BOILER

FACILITY SOURCE ID

STACK HEIGHT 17 FT AVERAGE EXHAUST FLOW RATE 275 ACFM AVERAGE EXHAUST TEMPERATURE 940 F STACK DIAMETER 0.83 FT

FORM(S)

% QUARTERLY THROUGHPUTS 79.1 0 0 20.9

☒ B FUEL BURNING

☐ C TANKS

☐ D BATCH PROCESS ID NO.

☐ E COATING ID NO.

☐ F OTHER

☐ G WASTEWATER NJPDES ID NO.

☐ H LANDFILL ID NO.

☐ P PARTICULATE ROOM ID NO.

☐ SOURCE DID NOT OPERATE IN 1995

☐ SOURCE REPORTED AS A GROUP OR AS
A FUGITIVE EMISSION SOURCE

☐ MARK SOURCE FOR DELETION FROM THE
EMISSION STATEMENT DATABASE AS IT
NO LONGER EXISTS

☐ SOURCE DID NOT EMIT ANY AIR
CONTAMINANTS

843710087

Emission Year 95

PLEASE SEE INSTRUCTION BOOKLET (SECTION A) FOR INFORMATION ON FILLING OUT THIS FORM

(1) FUGITIVE EMISSIONS

TOTAL VOC	EMISSIONS: 8800	LBS/YEAR, 24	LBS/OZONE SEASON DAY (ESTIMATED)	
TOTAL NOx	EMISSIONS: 0	LBS/YEAR, 0	LBS/OZONE SEASON DAY (ESTIMATED)	
TOTAL CO	EMISSIONS: 0	LBS/YEAR, 0	LBS/OZONE SEASON DAY (ESTIMATED) 0	LBS/CO SEASON DAY (ESTIMATED)
TOTAL SO2	EMISSIONS: 0	LBS/YEAR		
TOTAL TSP	EMISSIONS: 0	LBS/YEAR		
TOTAL PM-10	EMISSIONS: 0	LBS/YEAR		
TOTAL Pb	EMISSIONS: 0	LBS/YEAR		

PROVIDE SOURCE CATEGORIES OF THESE FUGITIVE EMISSIONS BELOW: (SEE INSTRUCTION BOOKLET (SECTION A) FOR POSSIBLE SOURCES OF FUGITIVE EMISSIONS)

PRODUCT TRAYS

PUMP SEALS

VALVES

WATER TREATMENT TANK

(2) LABORATORY HOODS

NUMBER OF LABORATORY HOODS:

TOTAL VOC EMISSIONS:

LBS/YEAR (ESTIMATED)

CALCULATION METHODOLOGY CODE:

PLEASE SEE INSTRUCTION BOOKLET (SECTION A) FOR INFORMATION ON FILLING OUT THIS FORM.

TOTAL FACILITY EMISSIONS (THE DEP WILL COMPLETE THIS FORM FOR YOU IF YOU REQUESTED DEP TO CALCULATE THE EMISSION RATES FROM ANY SOURCE ON FORMS B THROUGH H)

TOTAL QUANTITY EMITTED IN CALENDAR YEAR 1994 (SUM OF EMISSIONS FROM FORMS A THROUGH P)

POLLUTANT	FUGITIVES (A4, B2, C3)	FORM B	FORM C	FORM D	FORM E	FORM F	FORM G	FORM H	FORM P	ACTUAL TOTAL FACILITY EMISSIONS (TONS/YEAR)
VOC (TONS)	4.416	0.054	4.520	46.171	0.000	0.018	0.000	0.000	_____	55.179
NOx (TONS)	0.409	1.416	_____	0.000	_____	0.284	_____	_____	_____	2.109
CO (TONS)	0.086	0.297	_____	0.000	_____	0.150	_____	_____	_____	0.533
SO2 (TONS)	0.002	0.009	_____	0.000	_____	0.002	_____	_____	_____	0.013
TSP (TONS)	0.049	0.170	_____	3.160	0.000	0.034	_____	_____	0.000	3.413
PM10 (TONS)	0.049	0.170	_____	3.160	0.000	0.034	_____	_____	0.000	3.413
Pb (TONS)	0.00000	0.00000	_____	0.00000	_____	0.00000	_____	_____	_____	0.00000

ANNUAL EMISSION STATEMENT
FORM B - PROCESS AND EMISSION DATA FOR FUEL COMBUSTION

PLEASE SEE SECTION B OF INSTRUCTION BOOKLET FOR INFORMATION ON FILLING OUT THIS FORM.

MISSION YEAR	SOURCE NO. (FROM FORM A)	MAX. HEAT INPUT (MMBTU/HR)	FIRING METHOD	FUEL CODE	UNITS	SULFUR CONTENT OF FUEL (%)	AVERAGE AMOUNT BURNED PER			OPERATING HOURS PER DAY BETWEEN		OPERATING HOURS PER YEAR	OPERATING DAYS PER SEASON WEEK	
							DAY BETWEEN	DAY BETWEEN	PER YEAR	6/1 - 8/31	12/1 - 2/28		6/1 - 8/31	12/1 - 2/28
95	0002-0001	8.37	10	NG	X MMCF	0	.0118	.0043	2.29	4.8	4.8	1642	7.0	7.0
					TONS									
					MGALS									

CONTROL DEVICE CODE & EFFICIENCY		CHECK ONE:		EMISSION FACTOR WITH UNITS				EMISSION RATE (LBS/HOUR)	EMISSION RATE (LBS/OZONE DAY)	EMISSION RATE (LBS/CO DAY)	EMISSION RATE (TONS/YEAR)	CALCULATION METHOD CODE
VOC	000 0.0 %	—	HAVE NJDEP PERFORM	3.828	E	0	LB/MMCF	.003	.025		.004	4
NOx	000 0.0 %	—	DEFAULT EMISSION CALCULATION	100	E	0	LBS/MMCF	.14	.671		.115	4
CO	000 0.0 %	X	USE FOLLOWING ACTUAL	21	E	0	LBS/MMCF	.029	.141	.141	.024	4
SO2	000 0.0 %	—	EMISSION RATE AND FACTORS	0.6	E	0	LBS/MMCF	.001			.001	4
TSP	000 0.0 %	—	SOURCE DID NOT OPERATE	12	E	0	LBS/MMCF	.017			.014	4
PM10	000 0.0 %	—		12	E	0	LBS/MMCF	.017			.014	4
Pb	000 0 %	—		0	E	0	0	0			0	4

IF FIRING METHOD IS OTHER, DESCRIPTION OF FIRING METHOD

95	0023-0001	8.37	10	NG	X	MMCF	0	.067	.088	23.99	24	24	8208	7	7
					TONS										
					MGALS										
CONTROL DEVICE CODE & EFFICIENCY			CHECK ONE:		EMISSION FACTOR WITH UNITS				EMISSION RATE (LBS/HOUR)	EMISSION RATE (LBS/OZONE DAY)	EMISSION RATE (LBS/CO DAY)	EMISSION RATE (TONS/YEAR)	CALCULATION METHOD CODE		
VOC	000	0 %	—	HAVE NJDEP PERFORM		3.828	E	0	LB/MMCF	.011	.269		.046	4	
NOx	000	0 %	—	DEFAULT EMISSION CALCULATION		100	E	0	LB/MMCF	.292	7.02		1.2	4	
CO	000	0 %	X	USE FOLLOWING ACTUAL		21	E	0	LB/MMCF	.061	1.47	1.47	.252	4	
					EMISSION RATE AND FACTORS										
SO2	000	0 %	—	SOURCE DID NOT OPERATE		0.6	E	0	LB/MMCF	.002			.007	4	
TSP	000	0 %	—			12	E	0	LB/MMCF	.035			.144	4	
PM10	000	0 %	—			12	E	0	LB/MMCF	.035			.144	4	
Pb	000	0 %	—			0	E	0	NA	0			0	4	

IF FIRING METHOD IS OTHER, DESCRIPTION OF FIRING METHOD

843710090

ANNUAL EMISSION STATEMENT

FURNACE, PROCESS, AND EMISSION INFORMATION FOR FUEL COMBUSTION

PLEASE SEE SECTION B OF INSTRUCTION BOOKLET FOR INFORMATION ON FILLING OUT THIS FORM.

MISSION YEAR	SOURCE NO. (FROM FORM A)	MAX. HEAT INPUT (MMBTU/HR)	FIRING METHOD	FUEL CODE	UNITS	SULFUR CONTENT OF FUEL (%)	AVERAGE AMOUNT BURNED PER			OPERATING HOURS PER DAY BETWEEN		OPERATING HOURS PER YEAR	OPERATING DAYS PER SEASON WEEK	
							DAY BETWEEN 6/1 - 8/31	DAY BETWEEN 12/1 - 2/28	PER YEAR	6/1 - 8/31	12/1 - 2/28		6/1 - 8/31	12/1 - 2/28
95	0A01-0001	1.703	10	NG	X MMCF	0	0	.0181	2.02	0	24	4368	0	7
					TONS									
					MGALS									

CONTROL DEVICE CODE & EFFICIENCY	CHECK ONE:	EMISSION FACTOR WITH UNITS	EMISSION RATE (LBS/HOUR)	EMISSION RATE (LBS/OZONE DAY)	EMISSION RATE (LBS/CO DAY)	EMISSION RATE (TONS/YEAR)	CALCULATION METHOD CODE
VOC 000 0 %	<input type="checkbox"/> HAVE NJDEP PERFORM	3.823 E 0 LB/MMCF	.002	0		.004	1
NOx 000 0 %	<input type="checkbox"/> DEFAULT EMISSION CALCULATION	100 E 0 LB/MMCF	.046	0		.101	4
CO 000 0 %	<input checked="" type="checkbox"/> USE FOLLOWING ACTUAL	21 E 0 LB/MMCF	.01	0	.233	.021	4
SO2 000 0 %	<input type="checkbox"/> EMISSION RATE AND FACTORS	0.6 E 0 LB/MMCF	0.0001			0.001	4
TSP 000 0 %	<input type="checkbox"/> SOURCE DID NOT OPERATE	12 E 0 LB/MMCF	.006			.012	4
PM10 000 0 %		12 E 0 LB/MMCF	.006			.012	4
Pb 000 0 %		0 E 0 NA	0			0	4

IF FIRING METHOD IS OTHER, DESCRIPTION OF FIRING METHOD

843710091

ANNUAL EMISSION STATEMENT

FOR THE YEAR 1995

10

DEC	MAR	JUN	SEP
JAN	APR	JUL	OCT
FEB	MAY	AUG	NOV

PLEASE SEE INSTRUCTION BOOKLET (SECTION A) FOR INFORMATION ON FILLING OUT THIS FORM.

Emission Year **95**

AVERAGE QUARTERLY THROUGHPUTS (%) 26.3 26.8 22.5 24.4

NUMBER OF SMALL COMBUSTION SOURCES: **3**

ANNUAL FUEL USAGE: **8.18**

UNITS MMCF

TYPE OF FUEL USED: **NG**

CHECK ONE ☐ REQUEST NJDEP TO PERFORM DEFAULT EMISSION CALCULATION

☒ USE THE FOLLOWING ACTUAL EMISSION RATES:

VOC	LBS/HR	.004	TONS/YEAR	.016
NOx	LBS/HR	.111	TONS/YEAR	.409
CO	LBS/HR	.023	TONS/YEAR	.086
SO2	LBS/HR	.001	TONS/YEAR	.002
TSP	LBS/HR	.013	TONS/YEAR	.049
PM-10	LBS/HR	.013	TONS/YEAR	.049
Pb	LBS/HR	0	TONS/YEAR	0

Emission Year	Source #	Fill Rate (Gal/Min)	Tank Construction	Tank Location	Tank Position	Tank Color	Tank Diameter (Feet)	Liquid Storage Temperature (°F)	Tank Volume (MGALS)	Average Volume in Tank (MGALS)
95	0007-0001	100.0	WELDED	OUTDOOR	ABOVE GROUND	WHITE	8.0	AMBIENT	6.000	3.000

___ A. WITHOUT CONTROLS ☒ B. CONSERVATION VENT ___ C. CONDENSER ___ D. ACTIVATED ___ E. SCRUBBER
F. INCINERATOR G. OTHER - SPECIFY: _____

843710093

ANNUAL EMISSION STATEMENT

PLEASE SEE SECTION C OF INSTRUCTION BOOKLET FOR INFORMATION ON FILLING OUT THIS FORM.

Emission Year	Source #	Fill Rate (Gal/Min)	Tank Construction	Tank Location	Tank Position	Tank Color	Tank Diameter (Feet)	Liquid Storage Temperature (°F)	Tank Volume (MGALS)	Average Volume in Tank (MGALS)
95	0008-0001	100.0	WELDED	OUTDOOR	ABOVE GROUND	WHITE	10.5	AMBIENT	10.000	5.000

FIXED ROOF TANK:

☐ A. WITHOUT CONTROLS ☒ B. CONSERVATION VENT ☐ C. CONDENSER ☐ D. ACTIVATED ☐ E. SCRUBBER
☐ F. INCINERATOR ☐ G. OTHER - SPECIFY:

Contents of Tank	CAS #	Vapor Pressure	Molecular Weight	Vapor Density	Throughput per Day Between 6/1-8/31 (MGALS)	Throughput per Year (MGALS)	Emissions Lbs/Hour	Tons/Year
TOTAL VOC					2.81	1026.8	.606	2.65

Emission Factor: 0 E 0 0
Calculation Methodology 4

843710094

J. H. KENNEDY, JR., Editor

1921 22.33 23.00 23.67 24.33 25.00 25.67 26.33 27.00 27.67 28.33 29.00 29.67 30.33 31.00 31.67 32.33 33.00 33.67 34.33 35.00 35.67 36.33 37.00 37.67 38.33 39.00 39.67 40.33 41.00 41.67 42.33 43.00 43.67 44.33 45.00 45.67 46.33 47.00 47.67 48.33 49.00 49.67 50.33 51.00 51.67 52.33 53.00 53.67 54.33 55.00 55.67 56.33 57.00 57.67 58.33 59.00 59.67 60.33 61.00 61.67 62.33 63.00 63.67 64.33 65.00 65.67 66.33 67.00 67.67 68.33 69.00 69.67 70.33 71.00 71.67 72.33 73.00 73.67 74.33 75.00 75.67 76.33 77.00 77.67 78.33 79.00 79.67 80.33 81.00 81.67 82.33 83.00 83.67 84.33 85.00 85.67 86.33 87.00 87.67 88.33 89.00 89.67 90.33 91.00 91.67 92.33 93.00 93.67 94.33 95.00 95.67 96.33 97.00 97.67 98.33 99.00 99.67 100.33 101.00 101.67 102.33 103.00 103.67 104.33 105.00 105.67 106.33 107.00 107.67 108.33 109.00 109.67 110.33 111.00 111.67 112.33 113.00 113.67 114.33 115.00 115.67 116.33 117.00 117.67 118.33 119.00 119.67 120.33 121.00 121.67 122.33 123.00 123.67 124.33 125.00 125.67 126.33 127.00 127.67 128.33 129.00 129.67 130.33 131.00 131.67 132.33 133.00 133.67 134.33 135.00 135.67 136.33 137.00 137.67 138.33 139.00 139.67 140.33 141.00 141.67 142.33 143.00 143.67 144.33 145.00 145.67 146.33 147.00 147.67 148.33 149.00 149.67 150.33 151.00 151.67 152.33 153.00 153.67 154.33 155.00 155.67 156.33 157.00 157.67 158.33 159.00 159.67 160.33 161.00 161.67 162.33 163.00 163.67 164.33 165.00 165.67 166.33 167.00 167.67 168.33 169.00 169.67 170.33 171.00 171.67 172.33 173.00 173.67 174.33 175.00 175.67 176.33 177.00 177.67 178.33 179.00 179.67 180.33 181.00 181.67 182.33 183.00 183.67 184.33 185.00 185.67 186.33 187.00 187.67 188.33 189.00 189.67 190.33 191.00 191.67 192.33 193.00 193.67 194.33 195.00 195.67 196.33 197.00 197.67 198.33 199.00 199.67 200.33 201.00 201.67 202.33 203.00 203.67 204.33 205.00 205.67 206.33 207.00 207.67 208.33 209.00 209.67 210.33 211.00 211.67 212.33 213.00 213.67 214.33 215.00 215.67 216.33 217.00 217.67 218.33 219.00 219.67 220.33 221.00 221.67 222.33 223.00 223.67 224.33 225.00 225.67 226.33 227.00 227.67 228.33 229.00 229.67 230.33 231.00 231.67 232.33 233.00 233.67 234.33 235.00 235.67 236.33 237.00 237.67 238.33 239.00 239.67 240.33 241.00 241.67 242.33 243.00 243.67 244.33 245.00 245.67 246.33 247.00 247.67 248.33 249.00 249.67 250.33 251.00 251.67 252.33 253.00 253.67 254.33 255.00 255.67 256.33 257.00 257.67 258.33 259.00 259.67 260.33 261.00 261.67 262.33 263.00 263.67 264.33 265.00 265.67 266.33 267.00 267.67 268.33 269.00 269.67 270.33 271.00 271.67 272.33 273.00 273.67 274.33 275.00 275.67 276.33 277.00 277.67 278.33 279.00 279.67 280.33 281.00 281.67 282.33 283.00 283.67 284.33 285.00 285.67 286.33 287.00 287.67 288.33 289.00 289.67 290.33 291.00 291.67 292.33 293.00 293.67 294.33 295.00 295.67 296.33 297.00 297.67 298.33 299.00 299.67 300.33 301.00 301.67 302.33 303.00 303.67 304.33 305.00 305.67 306.33 307.00 307.67 308.33 309.00 309.67 310.33 311.00 311.67 312.33 313.00 313.67 314.33 315.00 315.67 316.33 317.00 317.67 318.33 319.00 319.67 320.33 321.00 321.67 322.33 323.00 323.67 324.33 325.00 325.67 326.33 327.00 327.67 328.33 329.00 329.67 330.33 331.00 331.67 332.33 333.00 333.67 334.33 335.00 335.67 336.33 337.00 337.67 338.33 339.00 339.67 340.33 341.00 341.67 342.33 343.00 343.67 344.33 345.00 345.67 346.33 347.00 347.67 348.33 349.00 349.67 350.33 351.00 351.67 352.33 353.00 353.67 354.33 355.00 355.67 356.33 357.00 357.67 358.33 359.00 359.67 360.33 361.00 361.67 362.33 363.00 363.67 364.33 365.00 365.67 366.33 367.00 367.67 368.33 369.00 369.67 370.33 371.00 371.67 372.33 373.00 373.67 374.33 375.00 375.67 376.33 377.00 377.67 378.33 379.00 379.67 380.33 381.00 381.67 382.33 383.00 383.67 384.33 385.00 385.67 386.33 387.00 387.67 388.33 389.00 389.67 390.33 391.00 391.67 392.33 393.00 393.67 394.33 395.00 395.67 396.33 397.00 397.67 398.33 399.00 399.67 400.33 401.00 401.67 402.33 403.00 403.67 404.33 405.00 405.67 406.33 407.00 407.67 408.33 409.00 409.67 410.33 411.00 411.67 412.33 413.00 413.67 414.33 415.00 415.67 416.33 417.00 417.67 418.33 419.00 419.67 420.33 421.00 421.67 422.33

1. *Chlorophyll a* and *Chlorophyll b* were determined by the method of Lichtenthaler and Whistler (1973).

PLEASE SEE SECTION C OF INSTRUCTION BOOKLET FOR INFORMATION ON FILLING OUT THIS FORM.

Emission Year	Source #	Fill Rate (Gal/Min)	Tank Construction	Tank Location	Tank Position	Tank Color	Tank Diameter (Feet)	Liquid Storage Temperature (°F)	Tank Volume (MGALS)	Average Volume in Tank (MGALS)
95	0013-0001	50.0	WELDED	OUTDOOR	ABOVE GROUND	WHITE	7.0	AMBIENT	1.5333	2.2500

FIXED ROOF TANK:

___ A. WITHOUT CONTROLS X B. CONSERVATION VENT ___ C. CONDENSER ___ D. ACTIVATED ___ E. SCRUBBER
F. INCINERATOR G. OTHER - SPECIFY:

Contents of Tank	CAS #	Vapor Pressure	Molecular Weight	Vapor Density	Throughput per Day Between 6/1-8/31 (MGALS)	Throughput per Year (MGALS)	Emissions	
TOTAL VOC					0.161	58.9	Lbs/Hour	Tons/Year
							0.008	0.034
						Emission Factor:	0 E 0	0
						Calculation Methodology	4	

843710095

ANNUAL EMISSION STATEMENT

FORM NO. 10-1-1-10-2013 AND EMISSION STATEMENT OF THE COMPANY FOR THE YEAR 2013-14

PLEASE SEE SECTION C OF INSTRUCTION BOOKLET FOR INFORMATION ON FILLING OUT THIS FORM.

Emission Year	Source #	Fill Rate (Gal/Min)	Tank Construction	Tank Location	Tank Position	Tank Color	Tank Diameter (Feet)	Liquid Storage Temperature (°F)	Tank Volume (MGALS)	Average Volume in Tank (MGALS)
35	0022-0001	13.5	WELDED	OUTDOOR	ABOVE GROUND	WHITE	10.0	AMBIENT	10.000	5.000

FIXED ROOF TANK:

☐ A. WITHOUT CONTROLS
 ☒ B. CONSERVATION VENT
 ☐ C. CONDENSER
 ☐ D. ACTIVATED
 ☐ E. SCRUBBER
☐ F. INCINERATOR
☐ G. OTHER - SPECIFY:

Contents of Tank	CAS #	Vapor Pressure	Molecular Weight	Vapor Density	Throughput per Day Between 6/1-8/31 (MGALS)	Throughput per Year (MGALS)	Emissions Lbs/Hour	Tons/Year
TOTAL VOC					22.5	8214.4	.088	.387
Emission Factor:							0 E 0 0	
Calculation Methodology							4	

ANNUAL EMISSION STATEMENT

FORM NO. 381-101-01 (Rev. 10/99) USE PREVIOUS EDITIONS AT YOUR OWN RISK

PLEASE SEE SECTION C OF INSTRUCTION BOOKLET FOR INFORMATION ON FILLING OUT THIS FORM.

Emission Year	Source #	Fill Rate (Gal/Min)	Tank Construction	Tank Location	Tank Position	Tank Color	Tank Diameter (Feet)	Liquid Storage Temperature (°F)	Tank Volume (MGALS)	Average Volume in Tank (MGALS)
95	0025-0001	15.0	WELDED	OUTDOOR	ABOVE GROUND	WHITE	10.0	AMBIENT	10.000	10.000

FIXED ROOF TANK:

☐ A. WITHOUT CONTROLS ☒ B. CONSERVATION VENT ☐ C. CONDENSER ☐ D. ACTIVATED ☐ E. SCRUBBER
☐ F. INCINERATOR ☐ G. OTHER - SPECIFY:

Contents of Tank	CAS #	Vapor Pressure	Molecular Weight	Vapor Density	Throughput per Day Between 6/1-8/31 (MGALS)	Throughput per Year (MGALS)	Emissions Lbs/Hour	Tons/Year
TOTAL VOC					22.5	8214.4	0.011	0.049
Emission Factor:							0 E 0 0	
Calculation Methodology							4	

843710097

Emission Year	Batch Process ID	Batch Product	Amount Produced per Batch (With Units)	Batch Run Time (Hrs/Batch)	Batches per day between 6/1 - 8/31	Batches per week between 6/1 - 8/31	Batches per year		
95	B001	CRUDE PIGMENT/H2O STRIKE	1544 LB	90	0.75	5.3	274		
		Pollutant Category	Total Emissions before Controls (Lbs/Batch)	Total Emissions after Controls (Lbs/Batch)	Control Device Codes PRIM. SEC. TERT.			Total Actual Emissions (Lbs/Year)	Calculation Methodology Code
		PM10	13	.74	018	000	000	203	5
		TSP	13	.74	018	000	000	203	5
Batch not Made in 1995									
95	B002	CRUDE PIGMT/METH STRK	1567 LB	83	1	7.0	367		
		Pollutant Category	Total Emissions before Controls (Lbs/Batch)	Total Emissions after Controls (Lbs/Batch)	Control Device Codes PRIM. SEC. TERT.			Total Actual Emissions (Lbs/Year)	Calculation Methodology Code
		PM10	13	.74	018	000	000	272	5
		TSP	13	.74	018	000	000	272	5
		VOC	55.8	50.3	072	000	000	18460	5
Batch not Made in 1995									
95	B003	CRUDE PIGMT/METH STRK	1208 LB	92	0.06	0.4	21		
		Pollutant Category	Total Emissions before Controls (Lbs/Batch)	Total Emissions after Controls (Lbs/Batch)	Control Device Codes PRIM. SEC. TERT.			Total Actual Emissions (Lbs/Year)	Calculation Methodology Code
		PM10	13	.74	018	000	000	15.5	4
		TSP	13	.74	018	000	000	15.5	4
		VOC	315.8	178.3	072	000	000	3744	4
Batch not Made in 1995									
95	B004	CRUDE PIGMT/METHANOL STRK	1616 LB	107	0.18	1.3	66		
		Pollutant Category	Total Emissions before Controls (Lbs/Batch)	Total Emissions after Controls (Lbs/Batch)	Control Device Codes PRIM. SEC. TERT.			Total Actual Emissions (Lbs/Year)	Calculation Methodology Code
		VOC	340.8	197.8	072	000	000	13055	4
		TSP	13.1	.84	018	000	000	55.4	4
		PM10	13.1	.84	018	000	000	55.4	4
Batch not Made in 1995									

843710098

Emission Year	Batch Process ID	Batch Product	Amount Produced per Batch (With Units)	Batch Run Time (Hrs/Batch)	Batches per day between 6/1 - 8/31	Batches per week between 6/1 - 8/31	Batches per year
95	B011	PIGMENT/METHANOL FINISH	1661 LB	130	0.088	0.62	32

Pollutant Category	Total Emissions before Controls (Lbs/Batch)	Total Emissions after Controls (Lbs/Batch)	Control Device Codes			Total Actual Emissions (Lbs/Year)	Calculation Methodology Code
			PRIM.	SEC.	TERT.		
VOC	558.5	213.1	020	072	000	6819	5
TSP	9.2	9.2	000	000	000	294	5
PM10	9.2	9.2	000	000	000	294	5

Batch not Made in 1995

95	B012	PIGMENT/WATER FINISH	1554 LB	100	0.85	6.0	311
----	------	----------------------	---------	-----	------	-----	-----

Pollutant Category	Total Emissions before Controls (Lbs/Batch)	Total Emissions after Controls (Lbs/Batch)	Control Device Codes			Total Actual Emissions (Lbs/Year)	Calculation Methodology Code
			PRIM.	SEC.	TERT.		
TSP	5.9	5.9	000	000	000	1835	5
PM10	5.9	5.9	000	000	000	1835	5

Batch not Made in 1995

843710099

Batch not Made in 1995

06262

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION

ANNUAL EMISSIONS DATA REPORT

1995 EMISSIONS DATA FOR B011 AND B012

Emission Year	Batch Process ID	Batch Product	Amount Produced per Batch (With Units)	Batch Run Time (Hrs/Batch)	Batches per day between 6/1 - 8/31	Batches per week between 6/1 - 8/31	Batches per year		
95	B011	PIGMENT/METHANOL FINISH	1661 LB	130	0.088	0.62	32		
		Pollutant Category	Total Emissions before Controls (Lbs/Batch)	Total Emissions after Controls (Lbs/Batch)	Control Device Codes			Total Actual Emissions (Lbs/Year)	Calculation Methodology Code
		VOC	558.5	213.1	020	072	000	6819	5
		TSP	9.2	9.2	000	000	000	294	5
		PM10	9.2	9.2	000	000	000	294	5
Batch not Made in 1995									
95	B012	PIGMENT/WATER FINISH	1554 LB	100	0.85	6.0	311		
		Pollutant Category	Total Emissions before Controls (Lbs/Batch)	Total Emissions after Controls (Lbs/Batch)	Control Device Codes			Total Actual Emissions (Lbs/Year)	Calculation Methodology Code
		TSP	5.9	5.9	000	000	000	1835	5
		PM10	5.9	5.9	000	000	000	1835	5
Batch not Made in 1995									

843710101

AND POLLUTANT'S

PLEASE SEE INSTRUCTION BOOKLET (SECTION F) FOR INFORMATION ON FILLING OUT THIS FORM.

Emission Year	Source #	Operating Hours			Pollutant Category	Control Device Codes			Overall Efficiency	Calculation Methodology Code	If Emission Factor Used, Provide Factor & Units		Actual Emissions	
		Hrs/Day	Hrs/Year	Days/Week		PRIM	SEC	TERT					Lbs/Hour	Tons/Year
95	0003-0005	24	7799	7	SO2	000	000	000	0.0	4	0.6	E -6 LB/CF	0.001	0.002
					TSP	000	000	000	0.0	4	12.0	E -6 LB/CF	.009	.034
					PM10	000	000	000	0.0	4	12.0	E -6 LB/CF	.009	.034
<p>A. Process Rate: 170000 per Day, 5676000 per Year</p> <p>B. Process Rate Units are: CF</p> <p>C. Is this <u>X</u> Raw Material/Input or ___ Product/Output <u>___</u> Source did not Operate in 1995</p>														
95	0003-0005	24	7799	7	VOC	000	000	000	0.0	4	3.83	E -6 LB/CF	.003	.011
					NOx	000	000	000	0.0	4	100	E -6 LB/CF	.073	.284
					CO	000	000	000	0.0	1	0	E 0 0	0.038	0.15
<p>A. Process Rate: 170000 per Day, 5676000 per Year</p> <p>B. Process Rate Units are: CF</p> <p>C. Is this <u>X</u> Raw Material/Input or ___ Product/Output <u>___</u> Source did not Operate in 1995</p>														
95	0024-0001	24	7020	5	VOC	072	088	000	75	4	0	E 0 0	0.0085	0.0074
												E		
												E		
<p>A. Process Rate: 27381 per Day, 8214425 per Year</p> <p>B. Process Rate Units are: GALS</p> <p>C. Is this ___ Raw Material/Input or <u>X</u> Product/Output <u>___</u> Source did not Operate in 1995</p>														

843710102

EXHIBIT 12A - MR2

August 29, 1995

SunChemical Corporation
185 Foundry Street
Newark, NJ 07105

Passaic Valley Sewerage Commissioners
600 Wilson Avenue
Newark, New Jersey 07105
ATTN: Industrial and Pollutuion

RE: MR-1 Reports for July 1995

Mr. D'Ascensio:

Enclosed please find an MR-2 report for the period covering July 1 through July 31, 1995 for the SunChemical Corporation facility located at the above address.

If you have any questions regarding this information, please contact me at your convenience at (201) 344-4879.



Very Truly Yours,

Dennis Morrison
Dennis Morrison
Plant Manager

cc: R. Sharkey
A. Shearer

COPY

843710104

Name

SUN CHEMICAL

843710105

Mailing Address

185 FOUNDRY ST NEWARK N.J. 07105

Facility Location

185 FOUNDRY ST. NEWARK N.J 07105

Category & Subpart

40CFR 414 SUBPART H

Outlet #

20401042-44100-02

Contact Official

DENNIS MORRISON

Telephone #

201-344-4879

Monitoring Period					
7	1	95	7	31	95
Mo.	Day	Yr.	Mo.	Day	Yr.
Start			End		

Production rate (if applicable)

For Reporting Period

Regulated flow-gal/day

AVG 76,763 MAX 84,439

Total Flow-gal/day

81,962 90,158

Method used

TOTAL INCOMING CITY WATER - 5% for
EVAPORATION - SANITARY DISCHARGE
DIVIDED BY NUMBER OF DAYS WORKED.

Parameter		Mass Limit or Concentration			No. of Samples	Sample type Comp./gr
		Average	Maximum	Units		
	Sample measurement					
	Permit requirement					
	Sample measurement					
	Permit requirement					
	Sample measurement					
	Permit requirement					
	Sample measurement					
	Permit requirement					
	Sample measurement					
	Permit requirement					
	Sample measurement					
	Permit requirement					
	Sample measurement					
	Permit requirement					

PVSC Form MR-1 Rev. 4 6/87 P1

See ATTACHED

NOTE: No modifications have been made
to the plot plan during this period

Monthly Water Calculation
July 1995

Water Meter Readings

<u>Date</u>	<u>Meter 1(Ft3)</u>	<u>Meter 2(Ft3)</u>	<u>Meter 3(gal)</u>
July 1	9613340	44098400	1232500
July 31	9669290	44382130	1266600
Difference	55950	283730	34100

Total Gallons = [Meter 1(Ft3) + Meter 2(Ft3)]. x 7.48 = 2,540,806 gallons

Minus 5% Evaporation = 127,040 gallons

Minus sanitary discharge = Meter 3(gal) = 34,100 gallons

Total Regulated Flow = 2,379,666 gallons

August 21, 1995

Sun Chemical
185 Foundry Street Newark, N.J. 07105
Permit # 20401042-44100-0201

Month of July 1995

	<i>Average Permit Requirement</i>	<i>Average Actual Value</i>	<i>Maximum Permit Requirement</i>	<i>Maximum Actual Value</i>
Water Volume of period	2,379,666	2,379,666	2,617,633	2,617,633
Working days	30	30	30	30
Average Gallons / Day	79,322	79,322	87,254	87,254
Million Gallons / Day	0.0793	0.0793	0.0873	0.0873

<u>Parameter</u>			<u>Monthly Average</u>		<u>Daily Maximum</u>	<u>Units</u>	<u># samples</u>	<u>sample type</u>
1,2 Dichlorobenzene	Sample Permit	<	0.01852 0.17457	<	0.01852 0.70721	lbs. / day lbs. / day	1 1	COMP
1,3 Dichlorobenzene	Sample Permit	<	0.01985 0.12648	<	0.01985 0.33846	lbs. / day lbs. / day	1 1	COMP
1,4 Dichlorobenzene	Sample Permit	<	0.01720 0.12648	<	0.01720 0.33846	lbs. / day lbs. / day	1 1	COMP
1,1 Dichloroethylene	Sample Permit	<	0.01058 0.01960	<	0.01058 0.05344	lbs. / day lbs. / day	1 1	GRAB
1,2 trans-Dichloroethylene	Sample Permit	<	0.00794 0.02227	<	0.00794 0.05879	lbs. / day lbs. / day	1 1	GRAB
1,2 Dichloropropane	Sample Permit	<	0.00331 0.17457	<	0.00331 0.70721	lbs. / day lbs. / day	1 1	GRAB
1,3 Dichloropropylene	Sample Permit	<	0.00060 0.17457	<	0.00060 0.70721	lbs. / day lbs. / day	1 1	GRAB
1,2 Dichloroethane	Sample Permit	<	0.00198 0.16032	<	0.00198 0.51125	lbs. / day lbs. / day	1 1	GRAB
1,1,1 Trichloroethane	Sample Permit	<	0.00926 0.01960	<	0.00926 0.05255	lbs. / day lbs. / day	1 1	GRAB
Hexachloroethane	Sample Permit	<	0.01522 0.17457	<	0.01522 0.70721	lbs. / day lbs. / day	1 1	COMP
Methylene Chloride	Sample Permit	<	0.00146 0.03206	<	0.00146 0.15142	lbs. / day lbs. / day	1 1	GRAB
Ethylbenzene	Sample Permit	<	0.00093 0.12648	<	0.00093 0.33846	lbs. / day lbs. / day	1 1	GRAB

843710107

Methylchloride	• Sample Permit	<	0.00040 0.09798	<	0.00040 0.26275	lbs. / day lbs. / day	1 1	GRAB
Hexachlorobutadiene	Sample Permit	<	0.00126 0.12648	<	0.00126 0.33846	lbs. / day lbs. / day	1 1	COMP
Nitrobenzene	Sample Permit	<	0.00139 1.99247		0.00139 5.70218	lbs. / day lbs. / day	1 1	COMP
2-Nitrophenol	Sample Permit	<	0.00172 0.05789	<	0.00172 0.20575	lbs. / day lbs. / day	1 1	COMP
4-Nitrophenol	Sample Permit	<	0.00126 0.14429	<	0.00126 0.51304	lbs. / day lbs. / day	1 1	COMP
4,6 Dinitro O-cresol	Sample Permit	<	0.00172 0.06947	<	0.00172 0.24672	lbs. / day lbs. / day	1 1	COMP
Tetrachloroethylene	Sample Permit	<	0.00860 0.04632	<	0.00860 0.14607	lbs. / day lbs. / day	1 1	COMP
Toluene	Sample Permit	<	0.00662 0.02494		0.00662 0.06591	lbs. / day lbs. / day	1 1	GRAB
Trichloroethylene	Sample Permit	<	0.01455 0.02316	<	0.01455 0.06146	lbs. / day lbs. / day	1 1	GRAB
Benzene	Sample Permit	<	0.00595 0.05077	<	0.00595 0.11935	lbs. / day lbs. / day	1 1	GRAB
Carbontetrachloride	Sample Permit	<	0.01058 0.12648	<	0.01058 0.33846	lbs. / day lbs. / day	1 1	GRAB
1,2,4 Trichlorobenzene	Sample Permit	<	0.00192 0.17457	<	0.00192 0.70721	lbs. / day lbs. / day	1 1	COMP
Chlorobenzene	Sample Permit	<	0.01058 0.12648	<	0.01058 0.33846	lbs. / day lbs. / day	1 1	GRAB
Hexachlorobenzene	Sample Permit	<	0.01455 0.17457	<	0.01455 0.70721	lbs. / day lbs. / day	1 1	COMP
1,1 Dichloroethane	Sample Permit	<	0.00463 0.01960	<	0.00463 0.05255	lbs. / day lbs. / day	1 1	GRAB
1,1,2 Trichloroethane	Sample Permit	<	0.00529 0.02850	<	0.00529 0.11312	lbs. / day lbs. / day	1 1	GRAB
Chloroethane	Sample Permit	<	0.00794 0.09798	<	0.00794 0.26275	lbs. / day lbs. / day	1 1	COMP
Chloroform	Sample Permit	<	0.00397 0.09887	<	0.00397 0.28947	lbs. / day lbs. / day	1 1	GRAB

Vinyl Chloride	Sample	<	0.01257	<	0.01257	lbs. / day	1	GRAB
	Permit		0.08640		0.15320	lbs. / day	1	
Total cyanide	Sample	<	0.00662	<	0.00662	lbs. / day	1	GRAB
	Permit		0.37409		1.06882	lbs. / day	1	
Total lead - Not regulated per PVSC letter 1/31/95	Sample	<	0.00000	<	0.00000	lbs. / day	1	COMP
	Permit		Not Regulated		Not Regulat	lbs. / day	1	
Total zinc	Sample		0.04095		0.04095	lbs. / day	1	COMP
	Permit		0.93522		2.32469	lbs. / day	1	

Certification of Non-use if applicable (use additional sheets)

N/A

Compliance or non compliance statement with compliance schedule (use additional sheets if necessary) for every parameter used.

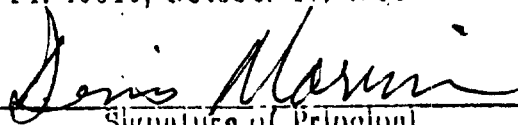
SUN CHEMICAL is reporting compliance with all
PARAMETERS of 40 CFR 414 SUBPART H.

Explain Method for preserving samples

SEE letter from GENERAL TESTING LABS

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

403.6(a)(2)(ii) revised by 53 FR 40610, October 17, 1988



Signature of Principal
Executive or Authorized Agent

Dennis Morrison

PLANT MANAGER

Type Name and Title

August 29, 1995

Date

September 20, 1995

SunChemical Corporation
185 Foundry Street
Newark, NJ 07105

Passaic Valley Sewerage Commissioners
600 Wilson Avenue
Newark, New Jersey 07105
ATTN: Industrial and Pollution

RE: MR-1 and MR-2 Reports for August 1995

Mr. D'Ascensio:

Enclosed please find an MR-1 and MR-2 report for the period covering August 1 through August 31, 1995 for the SunChemical Corporation facility located at the above address.

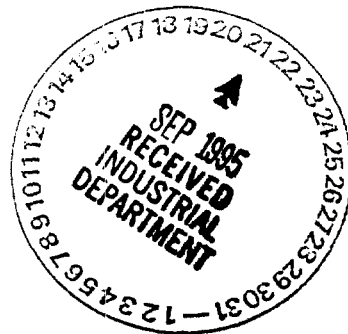
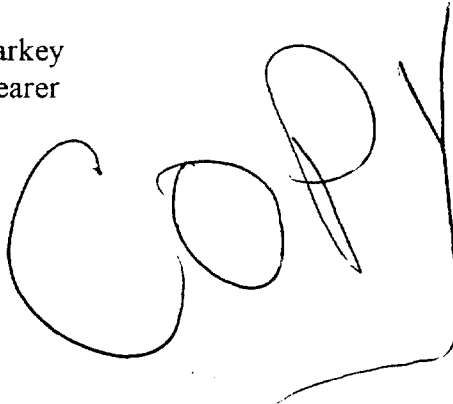
In the MR-1 report, we are reporting non compliance for toluene discharge under our permit. Sun is currently working on resolving this problem as outline the in the Administrative Consent Order between PVSC and Sun. If you have any questions regarding this information, please contact me at your convenience at (201) 344-4879.

Very Truly Yours,



Dennis Morrison
Plant Manager

cc: R. Sharkey
A. Shearer



843710111

Monthly Water Calculation
August 1995

Water Meter Readings

<u>Date</u>	<u>Meter 1(Ft3)</u>	<u>Meter 2(Ft3)</u>	<u>Meter 3(gal)</u>
August 1	9669290	44382130	1266600
August 31	9704420	44583450	1300800
Difference	35130	201320	34200

Total Gallons = [Meter 1(Ft3) + Meter 2(Ft3)]. x 7.48 = 1,768,646 gallons

Minus 5% Evaporation = 88,432 gallons

Minus sanitary discharge = Meter 3(gal) = 34,200 gallons

Total Regulated Flow = 1,646,014 gallons

Name SUN CHEMICAL
 Mailing Address 185 FOUNDRY ST NEWARK N.J. 07105
 Facility Location 185 FOUNDRY ST NEWARK N.J. 07105
 Category & Subpart 40CFR 414 SUBPART H Outlet # 20401042-44100-02
 Contact Official DENNIS MORRISON Telephone # 201-344-4879

Monitoring Period					
8	1	95	8	31	95
Mo.	Day	Yr.	Mo.	Day	Yr.
Start			End		
Production rate (if applicable)					

For Reporting Period
 Regulated flow-gal/day AVG 96,824 MAX 106,507
 Total Flow-gal/day 104,038 114,442
 Method used TOTAL INCOMING CITY WATER - 5% for
EVAPORATION - SANITARY DISCHARGE
DIVIDED BY NUMBER OF DAYS WORKED.

Parameter		Mass Limit or Concentration			No. of Samples	Sample type Comp./grm
		Average	Maximum	Units		
	Sample measurement					
	Permit requirement					
	Sample measurement					
	Permit requirement					
	Sample measurement					
	Permit requirement					
	Sample measurement					
	Permit requirement					
	Sample measurement					
	Permit requirement					
	Sample measurement					
	Permit requirement					
	Sample measurement					
	Permit requirement					

PVSC Form MR-1 Rev. 4 6/07 P1

See ATTACHED

NOTE: No modifications have been made
 to the plot plan during this period

September 20, 199

- Sun Chemical
 185 Foundry Street Newark, N.J. 07105
 Permit # 20401042-44100-0201

Month of August 1995

	<i>Average Permit Requirement</i>	<i>Average Actual Value</i>	<i>Maximum Permit Requirement</i>	<i>Maximum Actual Value</i>
<i>Water Volume of period</i>	1,646,014	1,646,014	1,810,615	1,810,615
<i>Working days</i>	17	17	17	17
<i>Average Gallons / Day</i>	96,824	96,824	106,507	106,507
<i>Million Gallons / Day</i>	0.0968	0.0968	0.1065	0.1065

<u>Parameter</u>			<u>Monthly Average</u>		<u>Daily Maximum</u>	<u>Units</u>	<u># samples</u>	<u>sample type</u>
1,2 Dichlorobenzene	Sample Permit	<	0.04522 0.17457	<	0.04522 0.70721	lbs. / day lbs. / day	1 1	COMP
1,3 Dichlorobenzene	Sample Permit	<	0.04845 0.12648	<	0.04845 0.33846	lbs. / day lbs. / day	1 1	COMP
1,4 Dichlorobenzene	Sample Permit	<	0.04199 0.12648	<	0.04199 0.33846	lbs. / day lbs. / day	1 1	COMP
1,1 Dichloroethylene	Sample Permit	<	0.00565 0.01960	<	0.00565 0.05344	lbs. / day lbs. / day	1 1	GRAB
1,2 trans-Dichloroethylene	Sample Permit	<	0.00444 0.02227	<	0.00444 0.05879	lbs. / day lbs. / day	1 1	GRAB
1,2 Dichloropropane	Sample Permit	<	0.00162 0.17457	<	0.00162 0.70721	lbs. / day lbs. / day	1 1	GRAB
1,3 Dichloropropylene	Sample Permit	<	0.00323 0.17457	<	0.00323 0.70721	lbs. / day lbs. / day	1 1	GRAB
1,2 Dichloroethane	Sample Permit	<	0.00323 0.16032	<	0.00323 0.51125	lbs. / day lbs. / day	1 1	GRAB
1,1,1 Trichloroethane	Sample Permit	<	0.00242 0.01960	<	0.00242 0.05255	lbs. / day lbs. / day	1 1	GRAB
Hexachloroethane	Sample Permit	<	0.03715 0.17457	<	0.03715 0.70721	lbs. / day lbs. / day	1 1	COMP
Methylene Chloride	Sample Permit	<	0.00162 0.03206	<	0.00162 0.15142	lbs. / day lbs. / day	1 1	GRAB
Ethylbenzene	Sample Permit	<	0.00323 0.12648	<	0.00323 0.33846	lbs. / day lbs. / day	1 1	GRAB

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Methylchloride	- Sample Permit	<	0.00485 0.09798	<	0.00485 0.26275	lbs. / day lbs. / day	1 1	GRAB
Hexachlorobutadiene	Sample Permit	<	0.03069 0.12648	<	0.03069 0.33846	lbs. / day lbs. / day	1 1	COMP
Nitrobenzene	Sample Permit		0.06218 1.99247		0.06218 5.70218	lbs. / day lbs. / day	1 1	COMP
2-Nitrophenol	Sample Permit	<	0.04199 0.05789	<	0.04199 0.20575	lbs. / day lbs. / day	1 1	COMP
4-Nitrophenol	Sample Permit	<	0.03069 0.14429	<	0.03069 0.51304	lbs. / day lbs. / day	1 1	COMP
4,6 Dinitro O-cresol	Sample Permit	<	0.04199 0.06947	<	0.04199 0.24672	lbs. / day lbs. / day	1 1	COMP
Tetrachloroethylene	Sample Permit	<	0.00444 0.04632	<	0.00444 0.14607	lbs. / day lbs. / day	1 1	COMP
Toluene	Sample Permit		0.96902 0.02494		0.96902 0.06591	lbs. / day lbs. / day	1 1	GRAB
Trichloroethylene	Sample Permit	<	0.00363 0.02316	<	0.00363 0.06146	lbs. / day lbs. / day	1 1	GRAB
Benzene	Sample Permit	<	0.00283 0.05077	<	0.00283 0.11935	lbs. / day lbs. / day	1 1	GRAB
Carbontetrachloride	Sample Permit	<	0.00242 0.12648	<	0.00242 0.33846	lbs. / day lbs. / day	1 1	GRAB
1,2,4 Trichlorobenzene	Sample Permit	<	0.04684 0.17457	<	0.04684 0.70721	lbs. / day lbs. / day	1 1	COMP
Chlorobenzene	Sample Permit	<	0.00242 0.12648	<	0.00242 0.33846	lbs. / day lbs. / day	1 1	GRAB
Hexachlorobenzene	Sample Permit	<	0.03553 0.17457	<	0.03553 0.70721	lbs. / day lbs. / day	1 1	COMP
1,1 Dichloroethane	Sample Permit	<	0.00363 0.01960	<	0.00363 0.05255	lbs. / day lbs. / day	1 1	GRAB
1,1,2 Trichloroethane	Sample Permit	<	0.00363 0.02850	<	0.00363 0.11312	lbs. / day lbs. / day	1 1	GRAB
Chloroethane	Sample Permit	<	0.00565 0.09798	<	0.00565 0.26275	lbs. / day lbs. / day	1 1	COMP
Chloroform	Sample Permit		0.00517 0.09887		0.00517 0.28947	lbs. / day lbs. / day	1 1	GRAB

Vinyl Chloride	Sample	<	0.00444	<	0.00444	lbs. / day	1	GRAB
	Permit		0.08640		0.15320	lbs. / day	1	
Total cyanide	Sample	<	0.00808	<	0.00808	lbs. / day	1	GRAB
	Permit		0.37409		1.06882	lbs. / day	1	
Total lead - Not regulated per PVSC letter 1/31/95	Sample	<	0.00000	<	0.00000	lbs. / day	1	COMP
	Permit		Not Regulated		Not Regulat	lbs. / day	1	
Total zinc	Sample		0.05895		0.05895	lbs. / day	1	COMP
	Permit		0.93522		2.32469	lbs. / day	1	

Certification of Non-use if applicable (use additional sheets)

N/A

Compliance or non compliance statement with compliance schedule (use additional sheets if necessary) for every parameter used.

SUN CHEMICAL is reporting compliance with all
PARAMETERS of 40 CFR 414 SUBPART H.

Explain Method for preserving samples

SEE letter FROM GENERAL TESTING LABS

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

403.6(a)(2)(ii) revised by 53 FR 40010, October 17, 1988



Signature of Principal
Executive or Authorized Agent

Dennis Morrison

PLANT MANAGER

Type Name and Title

9/20/95

Date

October 19, 1995

SunChemical Corporation
185 Foundry Street
Newark, NJ 07105

Passaic Valley Sewerage Commissioners
600 Wilson Avenue
Newark, New Jersey 07105
ATTN: Industrial and Pollution

RE: MR-1 and MR-2 Reports for September 1995

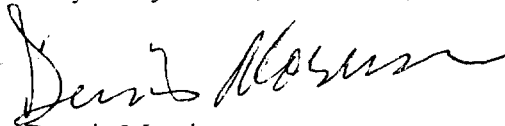
Mr. D'Ascensio:

Enclosed please find an MR-1 and MR-2 report for the period covering September 1 through September 30, 1995 for the SunChemical Corporation facility located at the above address.

In the MR-1 report, we are reporting non compliance for the daily maximum toluene discharge under our permit. This exceedence is from a sample taken on September 13, 1995. Sun and PVSC had entered into an Administrative Consent Order regarding this toluene limit which expired on September 15, 1995.

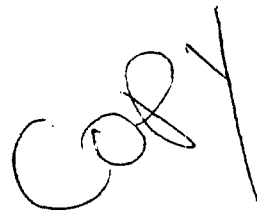
Sun has subsequently changed the source of Mineral Spirits utilized in our processing which we believe is the cause of our toluene problems. We expect in the future, to be in compliance with this limit. If you have any questions regarding this information, please contact me at your convenience at (201) 344-4879.

Very Truly Yours,


Dennis Morrison
Plant Manager

RECEIVED
INDUSTRIAL
POLLUTION
SECTION
OCT 20 1995

cc: R. Sharkey
A. Shearer



843710118

Monthly Water Calculation
September 1995

Water Meter Readings

<u>Date</u>	<u>Meter 1(Ft3)</u>	<u>Meter 2(Ft3)</u>	<u>Meter 3(gal)</u>
August 1	9704420	44583450	1300800
August 31	9755350	44865200	1328900
Difference	50930	281750	28100

Total Gallons = [Meter 1(Ft3) + Meter 2(Ft3)] x 7.48 = 2,488,446 gallons

Minus 5% Evaporation = 124,422 gallons

Minus sanitary discharge = Meter 3(gal) = 28,100 gallons

Total Regulated Flow = 2,335,924 gallons

USER CHARGE SELF MONITORING REPORT

Name SUN CHEMICAL CORPORATION

Address 185 FOUNDRY STREET NEWARK, NEW JERSEY 07105

Facility Location	185 FOUNDRY STREET NEWARK, NEW JERSEY 07105
-------------------	---

Outlet Designation (17 digits)	20401041-44100-201
--------------------------------	--------------------

Monitoring Period	Volume Discharged this Period
1990-1991	1000
1991-1992	1000
1992-1993	1000
1993-1994	1000
1994-1995	1000
1995-1996	1000
1996-1997	1000
1997-1998	1000
1998-1999	1000
1999-2000	1000
2000-2001	1000
2001-2002	1000
2002-2003	1000
2003-2004	1000
2004-2005	1000
2005-2006	1000
2006-2007	1000
2007-2008	1000
2008-2009	1000
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2016-2017	1000
2017-2018	1000
2018-2019	1000
2019-2020	1000
2020-2021	1000
2021-2022	1000
2022-2023	1000
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2082-2083	1000
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2086-2087	1000
2087-2088	1000
2088-2089	1000
2089-2090	1000
2090-2091	1000
2091-2092	1000
2092-2093	1000
2093-2094	1000
2094-2095	1000
2095-2096	1000
2096-2097	1000
2097-2098	1000
2098-2099	1000
2099-2100	1000

Start		End	
9 01 1995		9 30 1995	31,000 Gallons

Sanitary Discharge Only

[illegible]

Signature of Principal
or Authorized Agent

Type name and title

Telephone number
and Date

Dennis Harrison

Dennis Morrison
Plant Manager

201-344-4879

Sept 19 1995

USER CHARGE SELF MONITORING REPORT

Name SUN CHEMICAL CORPORATION

Address 185 FOUNDRY STREET NEWARK, NEW JERSEY 07105

Facility Location 185 FOUNDRY STREET NEWARK, NEW JERSEY 07105

Outlet Designation (17 digits) 20401042-44100-201

Monitoring Period	
Start	End
9 01 1995	9 30 1995

Volume Discharged this Period

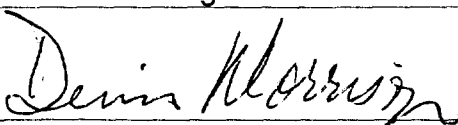
2,569,369 Gallons

Date	BOD 0310	TSS 0530	Date	BOD 0310	TSS 0530	
09/08/95	7,050	248				
09/13/95	6,900	112				
09/22/95	7,560	190				
09/27/95	6,840	124				

Signature of Principal
or Authorized Agent

Type name and title

Telephone number
and Date



Dennis Morrison
Plant Manager

201-344-4879

Sept 19 1995

Name SUN CHEMICAL
 Mailing Address 185 FOUNDRY ST NEWARK N.J. 07105
 Facility Location 185 FOUNDRY ST NEWARK N.J. 07105
 Category & Subpart 40CFR 414 SUBPART H Outlet# 20401042-44100-02
 Contact Official DENNIS MORRISON Telephone# 201-344-4879

Monitoring Period					
9	1	95	9	30	95
Mo.	Day	Yr.	Mo.	Day	Yr.
Start			End		
Production rate (if applicable)					

For Reporting Period

Regulated flow-gal/day 80549 ^{AVG} 88604 ^{MAX}
 Total Flow-gal/day 85808 94389
 Method used

TOTAL INCOMING CITY WATER - 5% for
EVAPORATION - SANITARY DISCHARGE
DIVIDED BY NUMBER OF DAYS WORKED.

Parameter		Mass Limit or Concentration			No. of Samples	Sample type Comp./grn
		Average	Maximum	Units		
	Sample measurement					
	Permit requirement					
	Sample measurement					
	Permit requirement					
	Sample measurement					
	Permit requirement					
	Sample measurement					
	Permit requirement					
	Sample measurement					
	Permit requirement					
	Sample measurement					
	Permit requirement					
	Sample measurement					
	Permit requirement					

PVSC Form MR-1 Rev. 4 6/87 P1

843710122

See Attached

NOTE: No modifications have been made
 to the plot plan during this period

October 19, 1995

Sun Chemical
185 Foundry Street Newark, N.J. 07105
Permit # 20401042-44100-0201

Month of September 1995

	<i>Average Permit Requirement</i>	<i>Average Actual Value</i>	<i>Maximum Permit Requirement</i>	<i>Maximum Actual Value</i>
<i>Water Volume of period</i>	2,335,924	2,335,924	2,569,516	2,569,516
<i>Working days</i>	29	29	29	29
<i>Average Gallons / Day</i>	80,549	80,549	88,604	88,604
<i>Million Gallons / Day</i>	0.0805	0.0805	0.0886	0.0886

<u>Parameter</u>			<u>Monthly Average</u>		<u>Daily Maximum</u>	<u>Units</u>	<u># samples</u>	<u>sample type</u>
1,2 Dichlorobenzene	Sample Permit	<	0.01881	<	0.01881	lbs. / day	1	COMP
			0.17457		0.70721	lbs. / day	1	
1,3 Dichlorobenzene	Sample Permit	<	0.02015	<	0.02015	lbs. / day	1	COMP
			0.12648		0.33846	lbs. / day	1	
1,4 Dichlorobenzene	Sample Permit	<	0.01747	<	0.01747	lbs. / day	1	COMP
			0.12648		0.33846	lbs. / day	1	
1,1 Dichloroethylene	Sample Permit	<	0.00188	<	0.00188	lbs. / day	1	GRAB
			0.01960		0.05344	lbs. / day	1	
1,2 trans-Dichloroethylene	Sample Permit	<	0.00148	<	0.00148	lbs. / day	1	GRAB
			0.02227		0.05879	lbs. / day	1	
1,2 Dichloropropane	Sample Permit	<	0.00054	<	0.00054	lbs. / day	1	GRAB
			0.17457		0.70721	lbs. / day	1	
1,3 Dichloropropylene	Sample Permit	<	0.00249	<	0.00249	lbs. / day	1	GRAB
			0.17457		0.70721	lbs. / day	1	
1,2 Dichloroethane	Sample Permit	<	0.00107	<	0.00107	lbs. / day	1	GRAB
			0.16032		0.51125	lbs. / day	1	
1,1,1 Trichloroethane	Sample Permit	<	0.00081	<	0.00081	lbs. / day	1	GRAB
			0.01960		0.05255	lbs. / day	1	
Hexachloroethane	Sample Permit	<	0.01545	<	0.01545	lbs. / day	1	COMP
			0.17457		0.70721	lbs. / day	1	
Methylene Chloride	Sample Permit	<	0.00322	<	0.00322	lbs. / day	1	GRAB
			0.03206		0.15142	lbs. / day	1	
Ethylbenzene	Sample Permit		0.00249		0.00249	lbs. / day	1	GRAB
			0.12648		0.33846	lbs. / day	1	

843710123

Methylchloride	Sample Permit		0.00181 0.09798		0.00181 0.26275	lbs. / day lbs. / day	1 1	GRAB
Hexachlorobutadiene	Sample Permit	<	0.01276 0.12648	<	0.01276 0.33846	lbs. / day lbs. / day	1 1	COMP
Nitrobenzene	Sample Permit		0.02284 1.99247		0.02284 5.70218	lbs. / day lbs. / day	1 1	COMP
2-Nitrophenol	Sample Permit	<	0.01747 0.05789	<	0.01747 0.20575	lbs. / day lbs. / day	1 1	COMP
4-Nitrophenol	Sample Permit	<	0.01276 0.14429	<	0.01276 0.51304	lbs. / day lbs. / day	1 1	COMP
4,6 Dinitro O-cresol	Sample Permit	<	0.01747 0.06947	<	0.01747 0.24672	lbs. / day lbs. / day	1 1	COMP
Tetrachloroethylene	Sample Permit	<	0.00148 0.04632	<	0.00148 0.14607	lbs. / day lbs. / day	1 1	COMP
Toluene	Sample Permit		0.04434 0.02494		0.04434 0.06591	lbs. / day lbs. / day	1 1	GRAB
Trichloroethylene	Sample Permit	<	0.00121 0.02316	<	0.00121 0.06146	lbs. / day lbs. / day	1 1	GRAB
Benzene	Sample Permit	<	0.00094 0.05077	<	0.00094 0.11935	lbs. / day lbs. / day	1 1	GRAB
Carbontetrachloride	Sample Permit	<	0.00081 0.12648	<	0.00081 0.33846	lbs. / day lbs. / day	1 1	GRAB
1,2,4 Trichlorobenzene	Sample Permit	<	0.01948 0.17457	<	0.01948 0.70721	lbs. / day lbs. / day	1 1	COMP
Chlorobenzene	Sample Permit	<	0.00081 0.12648	<	0.00081 0.33846	lbs. / day lbs. / day	1 1	GRAB
Hexachlorobenzene	Sample Permit	<	0.01478 0.17457	<	0.01478 0.70721	lbs. / day lbs. / day	1 1	COMP
1,1 Dichloroethane	Sample Permit	<	0.00121 0.01960	<	0.00121 0.05255	lbs. / day lbs. / day	1 1	GRAB
1,1,2 Trichloroethane	Sample Permit	<	0.00215 0.02850	<	0.00215 0.11312	lbs. / day lbs. / day	1 1	GRAB
Chloroethane	Sample Permit	<	0.00188 0.09798	<	0.00188 0.26275	lbs. / day lbs. / day	1 1	COMP
Chloroform	Sample Permit		0.00564 0.09887		0.00564 0.28947	lbs. / day lbs. / day	1 1	GRAB

843710124

Vinyl Chloride	Sample	<	0.00148	<	0.00148	lbs. / day	1	GRAB
	Permit		0.08640		0.15320	lbs. / day	1	
Total cyanide	Sample	<	0.00672	<	0.00672	lbs. / day	1	GRAB
	Permit		0.37409		1.06882	lbs. / day	1	
Total lead - Not regulated per PVSC letter 1/31/95	Sample	<	0.00000	<	0.00000	lbs. / day	1	COMP
	Permit		Not Regulated		Not Regulat	lbs. / day	1	
Total zinc	Sample		0.05831		0.05831	lbs. / day	1	COMP
	Permit		0.93522		2.32469	lbs. / day	1	

N/A

Compliance or non compliance statement with compliance schedule (use additional sheets

if necessary) for every parameter used.

SUN CHEMICAL is reporting ^{NON} compliance with all
PARAMETERS of 40 CFR 414 SUBPART H for Toluene

Explain Method for preserving samples

SEE letter from GENERAL TESTING LABS

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

403.6(a)(2)(ii) revised by 53 FR 40610, October 17, 1988

Dennis Morrison

Signature of Principal
Executive or Authorized Agent

Dennis Morrison

PLANT MANAGER

Type Name and Title

10/19/95

Date

PVSC 8 2 10 P 3:40

November 8, 1995

SunChemical Corporation
185 Foundry Street
Newark, NJ 07105

Passaic Valley Sewerage Commissioners
600 Wilson Avenue
Newark, New Jersey 07105
ATTN: Industrial and Pollution

RE: MR-1 and MR-2 Reports for October 1995

Mr. D'Ascenzio:

Enclosed please find an MR-1 and MR-2 report for the period covering October 1 through October 31, 1995 for the SunChemical Corporation facility located at the above address.

If you have any questions regarding this information, please contact me at your convenience at (201) 344-4879.

Very Truly Yours,



Dennis Morrison
Plant Manager

cc: R. Sharkey
A. Shearer

COPY

PVSC 8 2 10 P 3:40

843710127

Monthly Water Calculation
October 1995

Water Meter Readings

<u>Date</u>	<u>Meter 1(Ft3)</u>	<u>Meter 2(Ft3)</u>	<u>Meter 3(gal)</u>
October 1	9755350	44865200	1328900
October 31	9817540	45118300	1358300
Difference	62190	253100	29400

Total Gallons = [Meter 1(Ft3) + Meter 2(Ft3)] x 7.48 = 2,358,369 gallons

Minus 5% Evaporation = 117,918 gallons

Minus sanitary discharge = Meter 3(gal) = 29,400 gallons

Total Regulated Flow = 2,211,051 gallons

USER CHARGE SELF MONITORING REPORT

Name SUN CHEMICAL CORPORATION

Address 185 FOUNDRY STREET NEWARK, NEW JERSEY 07105

Facility Location 185 FOUNDRY STREET NEWARK, NEW JERSEY 07105

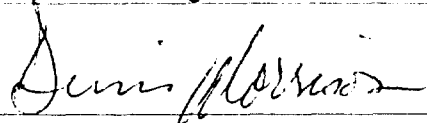
Outlet Designation (17 digits) 20401042-44100-201

Monitoring Period	
Start	End
10 01 1995	10 31 1995

Volume Discharged this Period
2,211,051 Gallons

Date	BOD 0310	TSS 0530	Date	BOD 0310	TSS 0530	
10/04/95	4,740	205				
10/06/95	4,180	146				
10/12/95	19,400	131				
10/17/95	9,620	73				
10/24/95	2,510	55				

Signature of Principal
or Authorized Agent



Type name and title

Dennis Morrison
Plant Manager

Telephone number
and Date

201-344-4879

Nov 02 1995

USER CHARGE SELF MONITORING REPORT

Name SUN CHEMICAL CORPORATION

Address 185 FOUNDRY STREET NEWARK, NEW JERSEY 07105

Facility Location	185 FOUNDRY STREET NEWARK, NEW JERSEY 07105
-------------------	---

Outlet Designation (17 digits)	20401041-44100-201
--------------------------------	--------------------

Monitoring Period	Volume Discharged this Period
1997-1998	1000
1998-1999	1000
1999-2000	1000
2000-2001	1000
2001-2002	1000
2002-2003	1000
2003-2004	1000
2004-2005	1000
2005-2006	1000
2006-2007	1000
2007-2008	1000
2008-2009	1000
2009-2010	1000
2010-2011	1000
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2012-2013	1000
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2087-2088	1000
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2090-2091	1000
2091-2092	1000
2092-2093	1000
2093-2094	1000
2094-2095	1000
2095-2096	1000
2096-2097	1000
2097-2098	1000
2098-2099	1000
2099-2100	1000

Start		End	
10 01 1995		10 31 1995	29,400 Gallons

Sanitary Discharge Only

[illegible]

Signature of Principal
or Authorized Agent

Type name and title

Telephone number
and Date

Dennis Morrison
Plant Manager

201-344-4879

Nov 02 1995

Name SUN CHEMICAL
 Mailing Address 185 FOUNDRY ST NEWARK N.J. 07105
 Facility Location 185 FOUNDRY ST NEWARK N.J. 07105
 Category & Subpart 40CFR 414 SUBPART H Outlet # 20401042-44100-02
 Contact Official DENNIS MORRISON Telephone # 201-344-4879

Monitoring Period					
10	1	95	10	31	95
Mo.	Day	Yr.	Mo.	Day	Yr.
Start			End		
Production rate (if applicable)					

For Reporting Period
 Regulated flow-gal/day AVG 71324 MAX 78437
 Total Flow-gal/day _____
 Method used TOTAL INCOMING CITY WATER - 5% for
EVAPORATION - SANITARY DISCHARGE
DIVIDED BY NUMBER OF DAYS WORKED.

Parameter		Mass Limit or Concentration			No. of Samples	Sample type Comp./gr
		Average	Maximum	Units		
	Sample measurement					
	Permit requirement					
	Sample measurement					
	Permit requirement					
	Sample measurement					
	Permit requirement					
	Sample measurement					
	Permit requirement					
	Sample measurement					
	Permit requirement					
	Sample measurement					
	Permit requirement					
	Sample measurement					
	Permit requirement					

PVSC Form MR-1 Rev. 4 6/87 P1

See ATTACHED
 NOTE: No modifications have been made
 to the plot plan during this period

843710131

November 9, 1995

Sun Chemical
185 Foundry Street Newark, N.J. 07105
Permit # 20401042-44100-0201

Month of October 1995

	<i>Average Permit Requirement</i>	<i>Average Actual Value</i>	<i>Maximum Permit Requirement</i>	<i>Maximum Actual Value</i>
<i>Water Volume of period</i>	2,211,051	2,211,051	2,432,156	2,432,156
<i>Working days</i>	31	31	31	31
<i>Average Gallons / Day</i>	71,324	71,324	78,457	78,457
<i>Million Gallons / Day</i>	0.0713	0.0713	0.0785	0.0785

<u>Parameter</u>			<u>Monthly Average</u>		<u>Daily Maximum</u>	<u>Units</u>	<u># samples</u>	<u>sample type</u>
1,2 Dichlorobenzene	Sample Permit	<	0.00833	<	0.00833	lbs. / day	1	COMP
			0.17457		0.70721	lbs. / day	1	
1,3 Dichlorobenzene	Sample Permit	<	0.00892	<	0.00892	lbs. / day	1	COMP
			0.12648		0.33846	lbs. / day	1	
1,4 Dichlorobenzene	Sample Permit	<	0.00773	<	0.00773	lbs. / day	1	COMP
			0.12648		0.33846	lbs. / day	1	
1,1 Dichloroethylene	Sample Permit	<	0.00083	<	0.00083	lbs. / day	1	GRAB
			0.01960		0.05344	lbs. / day	1	
1,2 trans-Dichloroethylene	Sample Permit	<	0.00065	<	0.00065	lbs. / day	1	GRAB
			0.02227		0.05879	lbs. / day	1	
1,2 Dichloropropane	Sample Permit	<	0.00024	<	0.00024	lbs. / day	1	GRAB
			0.17457		0.70721	lbs. / day	1	
1,3 Dichloropropylene	Sample Permit	<	0.00048	<	0.00048	lbs. / day	1	GRAB
			0.17457		0.70721	lbs. / day	1	
1,2 Dichloroethane	Sample Permit	<	0.00048	<	0.00048	lbs. / day	1	GRAB
			0.16032		0.51125	lbs. / day	1	
1,1,1 Trichloroethane	Sample Permit	<	0.00036	<	0.00036	lbs. / day	1	GRAB
			0.01960		0.05255	lbs. / day	1	
Hexachloroethane	Sample Permit	<	0.00714	<	0.00714	lbs. / day	1	COMP
			0.17457		0.70721	lbs. / day	1	
Methylene Chloride	Sample Permit		0.00040		0.00040	lbs. / day	1	GRAB
			0.03206		0.15142	lbs. / day	1	
Ethylbenzene	Sample Permit	<	0.00048	<	0.00048	lbs. / day	1	GRAB
			0.12648		0.33846	lbs. / day	1	

843710132

Methylchloride	Sample		0.00071		0.00071	lbs. / day	1	GRAB
	Permit		0.09798		0.26275	lbs. / day	1	
Hexachlorobutadiene	Sample	<	0.00565	<	0.00565	lbs. / day	1	COMP
	Permit		0.12648		0.33846	lbs. / day	1	
Nitrobenzene	Sample	<	0.00654	<	0.00654	lbs. / day	1	COMP
	Permit		1.99247		5.70218	lbs. / day	1	
2-Nitrophenol	Sample	<	0.00773	<	0.00773	lbs. / day	1	COMP
	Permit		0.05789		0.20575	lbs. / day	1	
4-Nitrophenol	Sample	<	0.00565	<	0.00565	lbs. / day	1	COMP
	Permit		0.14429		0.51304	lbs. / day	1	
4,6 Dinitro O-cresol	Sample	<	0.00773	<	0.00773	lbs. / day	1	COMP
	Permit		0.06947		0.24672	lbs. / day	1	
Tetrachloroethylene	Sample	<	0.00065	<	0.00065	lbs. / day	1	COMP
	Permit		0.04632		0.14607	lbs. / day	1	
Toluene	Sample		0.00286		0.00286	lbs. / day	1	GRAB
	Permit		0.02494		0.06591	lbs. / day	1	
Trichloroethylene	Sample	<	0.00054	<	0.00054	lbs. / day	1	GRAB
	Permit		0.02316		0.06146	lbs. / day	1	
Benzene	Sample	<	0.00042	<	0.00042	lbs. / day	1	GRAB
	Permit		0.05077		0.11935	lbs. / day	1	
Carbontetrachloride	Sample	<	0.00048	<	0.00048	lbs. / day	1	GRAB
	Permit		0.12648		0.33846	lbs. / day	1	
1,2,4 Trichlorobenzene	Sample	<	0.00892	<	0.00892	lbs. / day	1	COMP
	Permit		0.17457		0.70721	lbs. / day	1	
Chlorobenzene	Sample	<	0.00036	<	0.00036	lbs. / day	1	GRAB
	Permit		0.12648		0.33846	lbs. / day	1	
Hexachlorobenzene	Sample	<	0.00654	<	0.00654	lbs. / day	1	COMP
	Permit		0.17457		0.70721	lbs. / day	1	
1,1 Dichloroethane	Sample	<	0.00054	<	0.00054	lbs. / day	1	GRAB
	Permit		0.01960		0.05255	lbs. / day	1	
1,1,2 Trichloroethane	Sample	<	0.00095	<	0.00095	lbs. / day	1	GRAB
	Permit		0.02850		0.11312	lbs. / day	1	
Chloroethane	Sample	<	0.00083	<	0.00083	lbs. / day	1	COMP
	Permit		0.09798		0.26275	lbs. / day	1	
Chloroform	Sample		0.00452		0.00452	lbs. / day	1	GRAB
	Permit		0.09887		0.28947	lbs. / day	1	

Vinyl Chloride	Sample	<	0.00065	<	0.00065	lbs. / day	1	GRAB
	Permit		0.08640		0.15320	lbs. / day	1	
Total cyanide	Sample	<	0.00595	<	0.00595	lbs. / day	1	GRAB
	Permit		0.37409		1.06882	lbs. / day	1	
Total lead - Not regulated per PVSC letter 1/31/95	Sample	<	0.00000	<	0.00000	lbs. / day	1	COMP
	Permit		Not Regulated		Not Regulat	lbs. / day	1	
Total zinc	Sample		0.14038		0.14038	lbs. / day	1	COMP
	Permit		0.93522		2.32469	lbs. / day	1	

Certification of Non-use if applicable (use additional sheets)

N/A

Compliance or non compliance statement with compliance schedule (use additional sheets if necessary) for every parameter used.

SUN CHEMICAL is reporting compliance with all
PARAMETERS of 40 CFR 414 SUBPART H.

Explain Method for preserving samples

SEE letter FROM GENERAL TESTING LABS

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

403.6(a)(2)(ii) revised by 53 FR 40610, October 17, 1988

Dennis Morrison

Signature of Principal
Executive or Authorized Agent

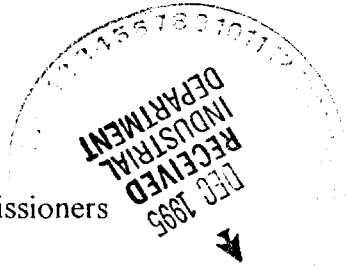
Dennis Morrison

PLANT MANAGER
Type Name and Title

November 9, 1995
Date

SunChemical

Pigments Division
Sun Chemical Corporation
185 Foundry Street
Newark, NJ 07105
201 344 4879
201 344 6875 Fax



December 14, 1995

Passaic Valley Sewerage Commissioners
600 Wilson Avenue
Newark, New Jersey 07105
ATTN: Industrial and Pollution

RE: MR-1 and MR-2 Reports for November 1995

Mr. D'Ascensio:

Enclosed please find an MR-1 and MR-2 report for the period covering November 1 through November 30, 1995 for the SunChemical Corporation facility located at the above address.

If you have any questions regarding this information, please contact me at your convenience at (201) 344-4879.

Very Truly Yours,

A handwritten signature in cursive script, appearing to read "Dennis Morrison".

Dennis Morrison
Plant Manager

cc: R. Sharkey
A. Shearer

A large, handwritten word "COPY" in a stylized, cursive font.

843710136

USER CHARGE SELF MONITORING REPORT

Name: SUN CHEMICAL CORPORATION

Address 185 FOUNDRY STREET NEWARK, NEW JERSEY 07105

Facility Location	185 FOUNDRY STREET NEWARK, NEW JERSEY 07105
-------------------	---

Outlet Designation (17 digits)	20401041-44100-201
--------------------------------	--------------------

Monitoring Period	Volume Discharged this Period
1997-1998	1000
1998-1999	1000
1999-2000	1000
2000-2001	1000
2001-2002	1000
2002-2003	1000
2003-2004	1000
2004-2005	1000
2005-2006	1000
2006-2007	1000
2007-2008	1000
2008-2009	1000
2009-2010	1000
2010-2011	1000
2011-2012	1000
2012-2013	1000
2013-2014	1000
2014-2015	1000
2015-2016	1000
2016-2017	1000
2017-2018	1000
2018-2019	1000
2019-2020	1000
2020-2021	1000
2021-2022	1000
2022-2023	1000
2023-2024	1000
2024-2025	1000
2025-2026	1000
2026-2027	1000
2027-2028	1000
2028-2029	1000
2029-2030	1000
2030-2031	1000
2031-2032	1000
2032-2033	1000
2033-2034	1000
2034-2035	1000
2035-2036	1000
2036-2037	1000
2037-2038	1000
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2086-2087	1000
2087-2088	1000
2088-2089	1000
2089-2090	1000
2090-2091	1000
2091-2092	1000
2092-2093	1000
2093-2094	1000
2094-2095	1000
2095-2096	1000
2096-2097	1000
2097-2098	1000
2098-2099	1000
2099-2100	1000

Start		End	
11 01 1995		11 30 1995	24,100 Gallons

Sanitary Discharge Only

[illegible]

Signature of Principal
or Authorized Agent _____

Type name and title

Telephone number
and Date

Dennis Morrison
Plant Manager

201-344-4879

Dec 13 1995

USER CHARGE SELF MONITORING REPORT

Name SUN CHEMICAL CORPORATION

Address 185 FOUNDRY STREET NEWARK, NEW JERSEY 07105

Facility Location 185 FOUNDRY STREET NEWARK, NEW JERSEY 07105

Outlet Designation (17 digits) 20401042-44100-201

Monitoring Period	
Start	End
11 01 1995	11 30 1995

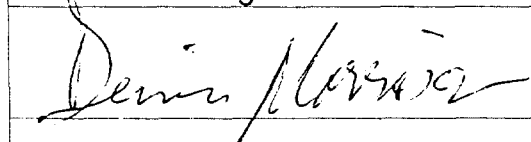
Volume Discharged this Period
2,229,852 Gallons

Date	BOD 0310	TSS 0530	Date	BOD 0310	TSS 0530	
11/01/95	8,900	360				
11/08/95	13,400	490				
11/09/95	2,510	52				
11/15/95	3,090	40				
11/27/95	530	165				

Signature of Principal
or Authorized Agent

Type name and title

Telephone number
and Date



Dennis Morrison
Plant Manager

201-344-4879

Dec 13 1995

Monthly Water Calculation
November 1995

Water Meter Readings

<u>Date</u>	<u>Meter 1(Ft3)</u>	<u>Meter 2(Ft3)</u>	<u>Meter 3(gal)</u>
November 1	9817540	45118300	1358300
November 30	9869570	45383460	1382400
Difference	52030	265160	24100

Total Gallons = [Meter 1(Ft3) + Meter 2(Ft3)] x 7.48 = 2,372,581 gallons

Minus 5% Evaporation = 118,629 gallons

Minus sanitary discharge = Meter 3(gal) = 24,100 gallons

Total Regulated Flow = 2,229,852 gallons

Name SUN CHEMICAL
 Mailing Address 185 FOUNDRY ST NEWARK N.J. 07105
 Facility Location 185 FOUNDRY ST. NEWARK N.J 07105
 Category & Subpart 40CFR 414 SUBPART H Outlet# 20401042-44100-02
 Contact Official Dennis Morrison Telephone# 201-344-4879

Monitoring Period					
11	1	95	11	30	95
Mo.	Day	Yr.	Mo.	Day	Yr.
Start			End		

Production rate (if applicable)

For Reporting Period

Regulated flow-gal/day 92911 ^{AVG} 102202 ^{MAX}
 Total Flow-gal/day 98858 128793
 Method used

TOTAL INCOMING CITY WATER - 5% for
EVAPORATION - SANITARY DISCHARGE
DIVIDED BY NUMBER OF DAYS WORKED.

Parameter		Mass Limit or Concentration			No. of Samples	Sample type Comp./gr
		Average	Maximum	Units		
	Sample measurement					
	Permit requirement					
	Sample measurement					
	Permit requirement					
	Sample measurement					
	Permit requirement					
	Sample measurement					
	Permit requirement					
	Sample measurement					
	Permit requirement					
	Sample measurement					
	Permit requirement					
	Sample measurement					
	Permit requirement					

PVSC Form MR-1 Rev. 4 6/87 P1

See Attached

NOTE: No modifications have been made
 to the plot plan during this period

843710140

December 14, 199

Sun Chemical
185 Foundry Street Newark, N.J. 07105
Permit # 20401042-44100-0201

Month of November 1995

		<i>Average Permit Requirement</i>		<i>Average Actual Value</i>		<i>Maximum Permit Requirement</i>	<i>Maximum Actual Value</i>		
<i>Water Volume of period</i>		2,229,852		2,229,852		2,452,837	2,452,837		
<i>Working days</i>		24		24		24	24		
<i>Average Gallons / Day</i>		92,911		92,911		102,202	102,202		
<i>Million Gallons / Day</i>		0.0929		0.0929		0.1022	0.1022		
<u>Parameter</u>			<u>Monthly Average</u>		<u>Daily Maximum</u>	<u>Units</u>	<u># samples</u>	<u>sample type</u>	
1,2 Dichlorobenzene	Sample Permit	<	0.02170	<	0.02170	lbs. / day	1	COMP	
			0.17457		0.70721	lbs. / day	1		
1,3 Dichlorobenzene	Sample Permit	<	0.02325	<	0.02325	lbs. / day	1	COMP	
			0.12648		0.33846	lbs. / day	1		
1,4 Dichlorobenzene	Sample Permit	<	0.02015	<	0.02015	lbs. / day	1	COMP	
			0.12648		0.33846	lbs. / day	1		
1,1 Dichloroethylene	Sample Permit	<	0.00542	<	0.00542	lbs. / day	1	GRAB	
			0.01960		0.05344	lbs. / day	1		
1,2 trans-Dichloroethylene	Sample Permit	<	0.00426	<	0.00426	lbs. / day	1	GRAB	
			0.02227		0.05879	lbs. / day	1		
1,2 Dichloropropane	Sample Permit	<	0.00155	<	0.00155	lbs. / day	1	GRAB	
			0.17457		0.70721	lbs. / day	1		
1,3 Dichloropropylene	Sample Permit	<	0.00310	<	0.00310	lbs. / day	1	GRAB	
			0.17457		0.70721	lbs. / day	1		
1,2 Dichloroethane	Sample Permit	<	0.00310	<	0.00310	lbs. / day	1	GRAB	
			0.16032		0.51125	lbs. / day	1		
1,1,1 Trichloroethane	Sample Permit	<	0.00232	<	0.00232	lbs. / day	1	GRAB	
			0.01960		0.05255	lbs. / day	1		
Hexachloroethane	Sample Permit	<	0.01782	<	0.01782	lbs. / day	1	COMP	
			0.17457		0.70721	lbs. / day	1		
Methylene Chloride	Sample Permit		0.00155		0.00155	lbs. / day	1	GRAB	
			0.03206		0.15142	lbs. / day	1		
Ethylbenzene	Sample Permit	<	0.00310	<	0.00310	lbs. / day	1	GRAB	
			0.12648		0.33846	lbs. / day	1		

843710141

Methylchloride	Sample Permit	<	0.00465 0.09798		0.00465 0.26275	lbs. / day lbs. / day	1 1	GRAB
Hexachlorobutadiene	Sample Permit	<	0.01472 0.12648	<	0.01472 0.33846	lbs. / day lbs. / day	1 1	COMP
Nitrobenzene	Sample Permit	<	0.01627 1.99247	<	0.01627 5.70218	lbs. / day lbs. / day	1 1	COMP
2-Nitrophenol	Sample Permit	<	0.02015 0.05789	<	0.02015 0.20575	lbs. / day lbs. / day	1 1	COMP
4-Nitrophenol	Sample Permit	<	0.01472 0.14429	<	0.01472 0.51304	lbs. / day lbs. / day	1 1	COMP
4,6 Dinitro O-cresol	Sample Permit	<	0.02015 0.06947	<	0.02015 0.24672	lbs. / day lbs. / day	1 1	COMP
Tetrachloroethylene	Sample Permit	<	0.00426 0.04632	<	0.00426 0.14607	lbs. / day lbs. / day	1 1	COMP
Toluene	Sample Permit	<	0.00349 0.02494		0.00349 0.06591	lbs. / day lbs. / day	1 1	GRAB
Trichloroethylene	Sample Permit	<	0.00349 0.02316	<	0.00349 0.06146	lbs. / day lbs. / day	1 1	GRAB
Benzene	Sample Permit	<	0.00271 0.05077	<	0.00271 0.11935	lbs. / day lbs. / day	1 1	GRAB
Carbontetrachloride	Sample Permit	<	0.00232 0.12648	<	0.00232 0.33846	lbs. / day lbs. / day	1 1	GRAB
1,2,4 Trichlorobenzene	Sample Permit	<	0.02247 0.17457	<	0.02247 0.70721	lbs. / day lbs. / day	1 1	COMP
Chlorobenzene	Sample Permit		0.00434 0.12648		0.00434 0.33846	lbs. / day lbs. / day	1 1	GRAB
Hexachlorobenzene	Sample Permit	<	0.01705 0.17457	<	0.01705 0.70721	lbs. / day lbs. / day	1 1	COMP
1,1 Dichloroethane	Sample Permit	<	0.00349 0.01960	<	0.00349 0.05255	lbs. / day lbs. / day	1 1	GRAB
1,1,2 Trichloroethane	Sample Permit	<	0.00620 0.02850	<	0.00620 0.11312	lbs. / day lbs. / day	1 1	GRAB
Chloroethane	Sample Permit	<	0.00542 0.09798	<	0.00542 0.26275	lbs. / day lbs. / day	1 1	COMP
Chloroform	Sample Permit		0.00496 0.09887		0.00496 0.28947	lbs. / day lbs. / day	1 1	GRAB

Vinyl Chloride	Sample	<	0.00426	<	0.00426	lbs. / day	1	GRAB
	Permit		0.08640		0.15320	lbs. / day	1	
Total cyanide	Sample	<	0.00775	<	0.00775	lbs. / day	1	GRAB
	Permit		0.37409		1.06882	lbs. / day	1	
Total lead - Not regulated per PVSC letter 1/31/95	Sample	<	0.00000	<	0.00000	lbs. / day	1	COMP
	Permit		Not Regulated		Not Regulat	lbs. / day	1	
Total zinc	Sample		0.19759		0.19759	lbs. / day	1	COMP
	Permit		0.93522		2.32469	lbs. / day	1	

Certification of Non-use if applicable (use additional sheets)

N/A

Compliance or non compliance statement with compliance schedule (use additional sheets if necessary) for every parameter used.

SUN CHEMICAL is reporting compliance with all
PARAMETERS of 40 CFR 414 SUBPART H.

Explain Method for preserving samples

SEE letter from GENERAL TESTING LABS

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

403.6(a)(2)(ii) revised by 53 FR 40610, October 17, 1988

Dennis Morrison
Signature of Principal
Executive or Authorized Agent

Dennis Morrison
PLANT MANAGER
Type Name and Title

December 14, 1995
Date

SunChemical

PYSC Pigments Division
Sun Chemical Corporation
185 Foundry Street
Newark NJ 07105
201 344 4879
201 344 6875 Fax

February 2, 1996

Passaic Valley Sewerage Commissioners
600 Wilson Avenue
Newark, New Jersey 07105
ATTN: Industrial and Pollution

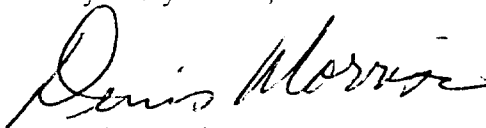
RE: MR-1 Report for December 1995

Mr. D'Ascenso:

Enclosed please find an MR-1 report for the period covering December 1 through December 31, 1995 for the SunChemical Corporation facility located at the above address.

If you have any questions regarding this information, please contact me at your convenience at (201) 344-4879.

Very Truly Yours,



Dennis Morrison
Plant Manager

cc: R. Sharkey
A. Shearer

PYSC Pigments Division
Sun Chemical Corporation
185 Foundry Street
Newark NJ 07105
201 344 4879
201 344 6875 Fax

843710145

Monthly Water Calculation
December 1995

Water Meter Readings

<u>Date</u>	<u>Meter 1(Ft3)</u>	<u>Meter 2(Ft3)</u>	<u>Meter 3(gal)</u>
December 1	9869570	45383460	1382400
December 31	9921290	45621910	1408900
Difference	51720	238450	26500

Total Gallons = [Meter 1(Ft3) + Meter 2(Ft3)]. x 7.48 = 2,170,471 gallons

Minus 5% Evaporation = 108,524 gallons

Minus sanitary discharge = Meter 3(gal) = 26,500 gallons

Total Regulated Flow = 2,035,447 gallons

Name SUN CHEMICAL
 Mailing Address 185 FOUNDRY ST NEWARK N.J. 07105
 Facility Location 185 FOUNDRY ST NEWARK N.J. 07105
 Category & Subpart 40CFR 414 SUBPART H Outlet # 20401042-44100-02
 Contact Official DENNIS MORRISON Telephone # 201-344-4879

Monitoring Period					
12	1	95	12	31	95
Mo.	Day	Yr.	Mo.	Day	Yr.
Start			End		
Production rate (if applicable)					

For Reporting Period

	AVG	MAX
Regulated flow-gal/day	926	106619
Total Flow-gal/day	103356	113691

Method used
TOTAL INCOMING CITY WATER - 5% for
EVAPORATION - SANITARY DISCHARGE
DIVIDED BY NUMBER OF DAYS WORKED.

Parameter		Mass Limit or Concentration			No. of Samples	Sample type Comp./grm
		Average	Maximum	Units		
	Sample measurement Permit requirement					
	Sample measurement Permit requirement					
	Sample measurement Permit requirement					
	Sample measurement Permit requirement					
	Sample measurement Permit requirement					
	Sample measurement Permit requirement					
	Sample measurement Permit requirement					
	Sample measurement Permit requirement					
	Sample measurement Permit requirement					

PVSC Form MR-1 Rev. 4 G/87 P1

See Attached
 Note: No modifications have been made
 to the plot plan during this period

843710147

February 2, 1996

Sun Chemical
185 Foundry Street Newark, N.J. 07105
Permit # 20401042-44100-0201

Month of December 1995

	<i>Average Permit Requirement</i>	<i>Average Actual Value</i>	<i>Maximum Permit Requirement</i>	<i>Maximum Actual Value</i>
<i>Water Volume of period</i>	2,035,447	2,035,447	2,238,992	2,238,992
<i>Working days</i>	21	21	21	21
<i>Average Gallons / Day</i>	96,926	96,926	106,619	106,619
<i>Million Gallons / Day</i>	0.0969	0.0969	0.1066	0.1066

<u>Parameter</u>			<u>Monthly Average</u>		<u>Daily Maximum</u>	<u>Units</u>	<u># samples</u>	<u>sample type</u>
1,2 Dichlorobenzene	Sample Permit	<	0.02263 0.17457	<	0.02263 0.70721	lbs. / day lbs. / day	1 1	COMP
1,3 Dichlorobenzene	Sample Permit	<	0.02425 0.12648	<	0.02425 0.33846	lbs. / day lbs. / day	1 1	COMP
1,4 Dichlorobenzene	Sample Permit	<	0.02102 0.12648	<	0.02102 0.33846	lbs. / day lbs. / day	1 1	COMP
1,1 Dichloroethylene	Sample Permit	<	0.00113 0.01960	<	0.00113 0.05344	lbs. / day lbs. / day	1 1	GRAB
1,2 trans-Dichloroethylene	Sample Permit	<	0.00089 0.02227	<	0.00089 0.05879	lbs. / day lbs. / day	1 1	GRAB
1,2 Dichloropropane	Sample Permit	<	0.00032 0.17457	<	0.00032 0.70721	lbs. / day lbs. / day	1 1	GRAB
1,3 Dichloropropylene	Sample Permit	<	0.00057 0.17457	<	0.00057 0.70721	lbs. / day lbs. / day	1 1	GRAB
1,2 Dichloroethane	Sample Permit	<	0.00065 0.16032	<	0.00065 0.51125	lbs. / day lbs. / day	1 1	GRAB
1,1,1 Trichloroethane	Sample Permit	<	0.00049 0.01960	<	0.00049 0.05255	lbs. / day lbs. / day	1 1	GRAB
Hexachloroethane	Sample Permit	<	0.01859 0.17457	<	0.01859 0.70721	lbs. / day lbs. / day	1 1	COMP
Methylene Chloride	Sample Permit	<	0.00032 0.03206	<	0.00032 0.15142	lbs. / day lbs. / day	1 1	GRAB
Ethylbenzene	Sample Permit	<	0.00065 0.12648	<	0.00065 0.33846	lbs. / day lbs. / day	1 1	GRAB

843710148

Methylchloride	Sample Permit		0.00655	<	0.00655	lbs. / day	1	GRAB
			0.09798		0.26275	lbs. / day	1	
Hexachlorobutadiene	Sample Permit	<	0.01536	<	0.01536	lbs. / day	1	COMP
			0.12648		0.33846	lbs. / day	1	
Nitrobenzene	Sample Permit	<	0.01698	<	0.01698	lbs. / day	1	COMP
			1.99247		5.70218	lbs. / day	1	
2-Nitrophenol	Sample Permit	<	0.02102	<	0.02102	lbs. / day	1	COMP
			0.05789		0.20575	lbs. / day	1	
4-Nitrophenol	Sample Permit	<	0.01536	<	0.01536	lbs. / day	1	COMP
			0.14429		0.51304	lbs. / day	1	
4,6 Dinitro O-cresol	Sample Permit	<	0.02102	<	0.02102	lbs. / day	1	COMP
			0.06947		0.24672	lbs. / day	1	
Tetrachloroethylene	Sample Permit	<	0.00089	<	0.00089	lbs. / day	1	COMP
			0.04632		0.14607	lbs. / day	1	
Toluene	Sample Permit		0.00089		0.00089	lbs. / day	1	GRAB
			0.02494		0.06591	lbs. / day	1	
Trichloroethylene	Sample Permit	<	0.00073	<	0.00073	lbs. / day	1	GRAB
			0.02316		0.06146	lbs. / day	1	
Benzene	Sample Permit	<	0.00057	<	0.00057	lbs. / day	1	GRAB
			0.05077		0.11935	lbs. / day	1	
Carbontetrachloride	Sample Permit	<	0.00049	<	0.00049	lbs. / day	1	GRAB
			0.12648		0.33846	lbs. / day	1	
1,2,4 Trichlorobenzene	Sample Permit	<	0.02344	<	0.02344	lbs. / day	1	COMP
			0.17457		0.70721	lbs. / day	1	
Chlorobenzene	Sample Permit		0.00154		0.00154	lbs. / day	1	GRAB
			0.12648		0.33846	lbs. / day	1	
Hexachlorobenzene	Sample Permit	<	0.01778	<	0.01778	lbs. / day	1	COMP
			0.17457		0.70721	lbs. / day	1	
1,1 Dichloroethane	Sample Permit	<	0.00073	<	0.00073	lbs. / day	1	GRAB
			0.01960		0.05255	lbs. / day	1	
1,1,2 Trichloroethane	Sample Permit	<	0.00129	<	0.00129	lbs. / day	1	GRAB
			0.02850		0.11312	lbs. / day	1	
Chloroethane	Sample Permit		0.00129		0.00129	lbs. / day	1	COMP
			0.09798		0.26275	lbs. / day	1	
Chloroform	Sample Permit		0.00194		0.00194	lbs. / day	1	GRAB
			0.09887		0.28947	lbs. / day	1	

843710149

N/A

Compliance or non compliance statement with compliance schedule (use additional sheets
if necessary) for every parameter used.

SUN CHEMICAL is reporting compliance with all
PARAMETERS of 40 CFR 414 SUBPART H.

Explain Method for preserving samples

SEE letter from GENERAL TESTING LABS

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

403.6(a)(2)(ii) revised by 53 FR 40610, October 17, 1988

Dennis Morrison

Signature of Principal
Executive or Authorized Agent

Dennis Morrison

PLANT MANAGER

Type Name and Title

2/2/96

Date

SunChemical

344

Pigments Division
Sun Chemical Corporation
185 Foundry Street
Newark NJ 07105
201 344 4879
201 344 6875 Fax

February 5, 1996

Passaic Valley Sewerage Commissioners
600 Wilson Avenue
Newark, New Jersey 07105
ATTN: Industrial and Pollution

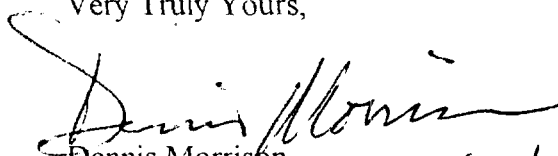
RE: MR-1 and Mr-2 Reports for January 1996

Mr. D'Ascensio:

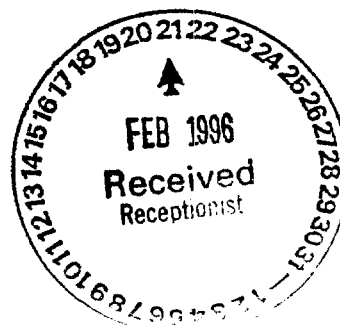
Enclosed please find an MR-1 and MR-2 reports for the period covering January 1 through January 31, 1996 for the SunChemical Corporation facility located at the above address.

If you have any questions regarding this information, please contact me at your convenience at (201) 344-4879.

Very Truly Yours,


Dennis Morrison
Plant Manager
5/20/96

cc: R. Sharkey
A. Shearer



843710151

Monthly Water Calculation
January 1996

Water Meter Readings

<u>Date</u>	<u>Meter 1(Ft3)</u>	<u>Meter 2(Ft3)</u>	<u>Meter 3(gal)</u>
January 1	9921290	45621910	1408900
January 31	9975620	45875047	1427357
Difference	54330	253137	18457

Total Gallons = [Meter 1(Ft3) + Meter 2(Ft3)]. x 7.48 = 2,299,853 gallons

Minus 5% Evaporation = 114,993 gallons

Minus sanitary discharge = Meter 3(gal) = 18,457 gallons

Total Regulated Flow = 2,166,403 gallons

USER CHARGE SELF MONITORING REPORT

Name SUN CHEMICAL CORPORATION

Address 185 FOUNDRY STREET NEWARK, NEW JERSEY 07105

Facility Location	185 FOUNDRY STREET NEWARK, NEW JERSEY 07105
-------------------	---

Outlet Designation (17 digits) 20401041-44100-201

Monitoring Period	Volume Discharged this Period
12/1/2017 - 12/31/2017	1000000
1/1/2018 - 1/31/2018	1000000
2/1/2018 - 2/28/2018	1000000
3/1/2018 - 3/31/2018	1000000
4/1/2018 - 4/30/2018	1000000
5/1/2018 - 5/31/2018	1000000
6/1/2018 - 6/30/2018	1000000
7/1/2018 - 7/31/2018	1000000
8/1/2018 - 8/31/2018	1000000
9/1/2018 - 9/30/2018	1000000
10/1/2018 - 10/31/2018	1000000
11/1/2018 - 11/30/2018	1000000
12/1/2018 - 12/31/2018	1000000
1/1/2019 - 1/31/2019	1000000
2/1/2019 - 2/28/2019	1000000
3/1/2019 - 3/31/2019	1000000
4/1/2019 - 4/30/2019	1000000
5/1/2019 - 5/31/2019	1000000
6/1/2019 - 6/30/2019	1000000
7/1/2019 - 7/31/2019	1000000
8/1/2019 - 8/31/2019	1000000
9/1/2019 - 9/30/2019	1000000
10/1/2019 - 10/31/2019	1000000
11/1/2019 - 11/30/2019	1000000
12/1/2019 - 12/31/2019	1000000
1/1/2020 - 1/31/2020	1000000
2/1/2020 - 2/28/2020	1000000
3/1/2020 - 3/31/2020	1000000
4/1/2020 - 4/30/2020	1000000
5/1/2020 - 5/31/2020	1000000
6/1/2020 - 6/30/2020	1000000
7/1/2020 - 7/31/2020	1000000
8/1/2020 - 8/31/2020	1000000
9/1/2020 - 9/30/2020	1000000
10/1/2020 - 10/31/2020	1000000
11/1/2020 - 11/30/2020	1000000
12/1/2020 - 12/31/2020	1000000
1/1/2021 - 1/31/2021	1000000
2/1/2021 - 2/28/2021	1000000
3/1/2021 - 3/31/2021	1000000
4/1/2021 - 4/30/2021	1000000
5/1/2021 - 5/31/2021	1000000
6/1/2021 - 6/30/2021	1000000
7/1/2021 - 7/31/2021	1000000
8/1/2021 - 8/31/2021	1000000
9/1/2021 - 9/30/2021	1000000
10/1/2021 - 10/31/2021	1000000
11/1/2021 - 11/30/2021	1000000
12/1/2021 - 12/31/2021	1000000
1/1/2022 - 1/31/2022	1000000
2/1/2022 - 2/28/2022	1000000
3/1/2022 - 3/31/2022	1000000
4/1/2022 - 4/30/2022	1000000
5/1/2022 - 5/31/2022	1000000
6/1/2022 - 6/30/2022	1000000
7/1/2022 - 7/31/2022	1000000
8/1/2022 - 8/31/2022	1000000
9/1/2022 - 9/30/2022	1000000
10/1/2022 - 10/31/2022	1000000
11/1/2022 - 11/30/2022	1000000
12/1/2022 - 12/31/2022	1000000
1/1/2023 - 1/31/2023	1000000
2/1/2023 - 2/28/2023	1000000
3/1/2023 - 3/31/2023	1000000
4/1/2023 - 4/30/2023	1000000
5/1/2023 - 5/31/2023	1000000
6/1/2023 - 6/30/2023	1000000
7/1/2023 - 7/31/2023	1000000
8/1/2023 - 8/31/2023	1000000
9/1/2023 - 9/30/2023	1000000
10/1/2023 - 10/31/2023	1000000
11/1/2023 - 11/30/2023	1000000
12/1/2023 - 12/31/2023	1000000
1/1/2024 - 1/31/2024	1000000
2/1/2024 - 2/28/2024	1000000
3/1/2024 - 3/31/2024	1000000
4/1/2024 - 4/30/2024	1000000
5/1/2024 - 5/31/2024	1000000
6/1/2024 - 6/30/2024	1000000
7/1/2024 - 7/31/2024	1000000
8/1/2024 - 8/31/2024	1000000
9/1/2024 - 9/30/2024	1000000
10/1/2024 - 10/31/2024	1000000
11/1/2024 - 11/30/2024	1000000
12/1/2024 - 12/31/2024	1000000
1/1/2025 - 1/31/2025	1000000
2/1/2025 - 2/28/2025	1000000
3/1/2025 - 3/31/2025	1000000
4/1/2025 - 4/30/2025	1000000

Start		End	
1 01 1996		1 31 1996	18,457 Gallons

Sanitary Discharge Only

[illegible]

Signature of Principal
or Authorized Agent

Type name and title

Telephone number
and Date

Dennis Morrison
Plant Manager

201-344-4879

Feb 20 1996

USER CHARGE SELF MONITORING REPORT

Name SUN CHEMICAL CORPORATION

Address 185 FOUNDRY STREET NEWARK, NEW JERSEY 07105

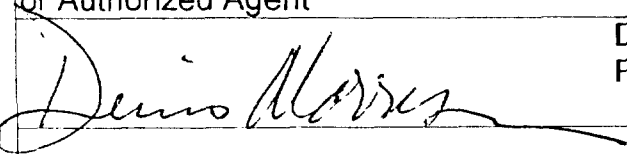
Facility Location 185 FOUNDRY STREET NEWARK, NEW JERSEY 07105

Outlet Designation (17 digits) 20401042-44100-201

Monitoring Period	
Start	End
1 01 1996	1 31 1996

Volume Discharged this Period
2,166,403 Gallons

Date	BOD 0310	TSS 0530	Date	BOD 0310	TSS 0530	
01/10/96	3,620	488				
01/18/96	2,070	188				
01/25/96	1,660	79				

Signature of Principal or Authorized Agent	Type name and title	Telephone number and Date
	Dennis Morrison Plant Manager	201-344-4879 Feb 20 1996

Name SUN CHEMICAL

Mailing Address 185 FOUNDRY ST NEWARK N.J. 07105

Facility Location 185 FOUNDRY ST. NEWARK N.J. 07105

Category & Subpart 40CFR 414 SUBPART H Outlet# 20401042-44100-020

Contact Official DEANIS MORRISON Telephone# 201-344-4879

Monitoring Period					
1	1	96	1	31	96
Mo.	Day	Yr.	Mo.	Day	Yr.
Start			End		

Production rate (if applicable)

For Reporting Period

Regulated flow-gal/day 72213 ^{AVG} 79435 ^{MAX}

Total Flow-gal/day 76661 84328

Method used

TOTAL INCOMING CITY WATER - 5% for
EVAPORATION - SANITARY DISCHARGE
DIVIDED BY NUMBER OF DAYS WORKED.

Parameter		Mass Limit or Concentration			No. of Samples	Sample type Comp./gral
		Average	Maximum	Units		
	Sample measurement					
	Permit requirement					
	Sample measurement					
	Permit requirement					
	Sample measurement					
	Permit requirement					
	Sample measurement					
	Permit requirement					
	Sample measurement					
	Permit requirement					
	Sample measurement					
	Permit requirement					
	Sample measurement					
	Permit requirement					

PVSC Form MR-1 Rev. 4 6/87 P1

See Attached

NOTE: No modifications have been made
to the plot plan during this period

843710155

February 5, 1996

Sun Chemical
185 Foundry Street Newark, N.J. 07105
Permit # 20401042-44100-0201

Month of October 1995

	<i>Average Permit Requirement</i>	<i>Average Actual Value</i>	<i>Maximum Permit Requirement</i>	<i>Maximum Actual Value</i>
<i>Water Volume of period</i>	2,166,403	2,166,403	2,383,043	2,383,043
<i>Working days</i>	30	30	30	30
<i>Average Gallons / Day</i>	72,213	72,213	79,435	79,435
<i>Million Gallons / Day</i>	0.0722	0.0722	0.0794	0.0794

<u>Parameter</u>			<u>Monthly Average</u>		<u>Daily Maximum</u>	<u>Units</u>	<u># samples</u>	<u>sample type</u>
1,2 Dichlorobenzene	Sample Permit	<	0.01867	<	0.01867	lbs. / day	1	COMP
			0.17457		0.70721	lbs. / day	1	
1,3 Dichlorobenzene	Sample Permit	<	0.01987	<	0.01987	lbs. / day	1	COMP
			0.12648		0.33846	lbs. / day	1	
1,4 Dichlorobenzene	Sample Permit	<	0.01747	<	0.01747	lbs. / day	1	COMP
			0.12648		0.33846	lbs. / day	1	
1,1 Dichloroethylene	Sample Permit	<	0.00084	<	0.00084	lbs. / day	1	GRAB
			0.01960		0.05344	lbs. / day	1	
1,2 trans-Dichloroethylene	Sample Permit	<	0.00066	<	0.00066	lbs. / day	1	GRAB
			0.02227		0.05879	lbs. / day	1	
1,2 Dichloropropane	Sample Permit	<	0.00024	<	0.00024	lbs. / day	1	GRAB
			0.17457		0.70721	lbs. / day	1	
1,3 Dichloropropylene	Sample Permit	<	0.00048	<	0.00048	lbs. / day	1	GRAB
			0.17457		0.70721	lbs. / day	1	
1,2 Dichloroethane	Sample Permit	<	0.00048	<	0.00048	lbs. / day	1	GRAB
			0.16032		0.51125	lbs. / day	1	
1,1,1 Trichloroethane	Sample Permit	<	0.00036	<	0.00036	lbs. / day	1	GRAB
			0.01960		0.05255	lbs. / day	1	
Hexachloroethane	Sample Permit	<	0.01566	<	0.01566	lbs. / day	1	COMP
			0.17457		0.70721	lbs. / day	1	
Methylene Chloride	Sample Permit		0.00084		0.00084	lbs. / day	1	GRAB
			0.03206		0.15142	lbs. / day	1	
Ethylbenzene	Sample Permit		0.00193		0.00193	lbs. / day	1	GRAB
			0.12648		0.33846	lbs. / day	1	

843710156

Methylchloride	Sample Permit	<	0.00072 0.09798	<	0.00072 0.26275	lbs. / day lbs. / day	1 1	GRAB
Hexachlorobutadiene	Sample Permit	<	0.01265 0.12648	<	0.01265 0.33846	lbs. / day lbs. / day	1 1	COMP
Nitrobenzene	Sample Permit	<	0.01385 1.99247	<	0.01385 5.70218	lbs. / day lbs. / day	1 1	COMP
2-Nitrophenol	Sample Permit	<	0.01747 0.05789	<	0.01747 0.20575	lbs. / day lbs. / day	1 1	COMP
4-Nitrophenol	Sample Permit		0.01566 0.14429		0.01566 0.51304	lbs. / day lbs. / day	1 1	COMP
4,6 Dinitro O-cresol	Sample Permit	<	0.01747 0.06947	<	0.01747 0.24672	lbs. / day lbs. / day	1 1	COMP
Tetrachloroethylene	Sample Permit	<	0.00066 0.04632	<	0.00066 0.14607	lbs. / day lbs. / day	1 1	COMP
Toluene	Sample Permit		0.00277 0.02494		0.00277 0.06591	lbs. / day lbs. / day	1 1	GRAB
Trichloroethylene	Sample Permit	<	0.00054 0.02316	<	0.00054 0.06146	lbs. / day lbs. / day	1 1	GRAB
Benzene	Sample Permit	<	0.00042 0.05077	<	0.00042 0.11935	lbs. / day lbs. / day	1 1	GRAB
Carbontetrachloride	Sample Permit	<	0.00048 0.12648	<	0.00048 0.33846	lbs. / day lbs. / day	1 1	GRAB
1,2,4 Trichlorobenzene	Sample Permit	<	0.01927 0.17457	<	0.01927 0.70721	lbs. / day lbs. / day	1 1	COMP
Chlorobenzene	Sample Permit		0.00090 0.12648		0.00090 0.33846	lbs. / day lbs. / day	1 1	GRAB
Hexachlorobenzene	Sample Permit	<	0.01445 0.17457	<	0.01445 0.70721	lbs. / day lbs. / day	1 1	COMP
1,1 Dichloroethane	Sample Permit	<	0.00054 0.01960	<	0.00054 0.05255	lbs. / day lbs. / day	1 1	GRAB
1,1,2 Trichloroethane	Sample Permit	<	0.00096 0.02850	<	0.00096 0.11312	lbs. / day lbs. / day	1 1	GRAB
Chloroethane	Sample Permit	<	0.00090 0.09798	<	0.00090 0.26275	lbs. / day lbs. / day	1 1	COMP
Chloroform	Sample Permit		0.00355 0.09887		0.00355 0.28947	lbs. / day lbs. / day	1 1	GRAB

Vinyl Chloride	Sample	<	0.00066	<	0.00066	lbs. / day	1	GRAB
	Permit		0.08640		0.15320	lbs. / day	1	
Total cyanide	Sample	<	0.00602	<	0.00602	lbs. / day	1	GRAB
	Permit		0.37409		1.06882	lbs. / day	1	
Total lead - Not regulated per PVSC letter 1/31/95	Sample	<	0.00000	<	0.00000	lbs. / day	1	COMP
	Permit		Not Regulated		Not Regulat	lbs. / day	1	
Total zinc	Sample		0.04138		0.04138	lbs. / day	1	COMP
	Permit		0.93522		2.32469	lbs. / day	1	

Certification of Non-use if applicable (use additional sheets)

N/A

Compliance or non compliance statement with compliance schedule (use additional sheets

if necessary) for every parameter used.

SUN CHEMICAL is reporting compliance with all
PARAMETERS of 40 CFR 414 SUBPART 11.

Explain Method for preserving samples

SEE letter from GENERAL TESTING LABS

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

403.6(a)(2)(ii) revised by 53 FR 40610, October 17, 1988

Signature of Principal
Executive or Authorized Agent

Dennis Morrison

PLANT MANAGER

Type Name and Title

Date

SunChemical

Pigments Division
Sun Chemical Corporation
185 Foundry Street
Newark NJ 07105
201 344 4879
201 344 6875 Fax



March 21, 1996

Passaic Valley Sewerage Commissioners
600 Wilson Avenue
Newark, New Jersey 07105
ATTN: Industrial and Pollution

RE: MR-1 and MR-2 Report for February 1996

Mr. D'Ascensio:

Enclosed please find an MR-1 and MR-2 report for the period covering February 1 through February 29, 1996 for the SunChemical Corporation facility located at the above address. In the MR-1 report, we are reporting non-compliance for the monthly average and daily maximum limits for toluene.

If you have any questions regarding this information, please contact me at your convenience at (201) 344-4879.

Very Truly Yours,

A handwritten signature in cursive script, reading "Dennis Morrison". The signature is fluid and extends to the right.

Dennis Morrison
Plant Manager

cc: R. Sharkey
A. Shearer
J. Wiedaw

843710160

Monthly Water Calculation
February 1996

Water Meter Readings

<u>Date</u>	<u>Meter 1(Ft3)</u>	<u>Meter 2(Ft3)</u>	<u>Meter 3(gal)</u>
February 1	9975620	45875047	1427357
February 29	0034300	46237330	1448200
Difference	58680	362283	20843

Total Gallons = [Meter 1(Ft3) + Meter 2(Ft3)]. x 7.48 = 3,148,803 gallons

Minus 5% Evaporation = 157,440 gallons

Minus sanitary discharge = Meter 3(gal) = 20,843 gallons

Total Regulated Flow = 2,970,520 gallons

USER CHARGE SELF MONITORING REPORT

Name SUN CHEMICAL CORPORATION

Address 185 FOUNDRY STREET NEWARK, NEW JERSEY 07105

Facility Location	185 FOUNDRY STREET NEWARK, NEW JERSEY 07105
-------------------	---

Outlet Designation (17 digits)	20401041-44100-201
--------------------------------	--------------------

Monitoring Period	Volume Discharged this Period
12/1/2017 - 12/31/2017	1000
1/1/2018 - 1/31/2018	1000
2/1/2018 - 2/28/2018	1000
3/1/2018 - 3/31/2018	1000
4/1/2018 - 4/30/2018	1000
5/1/2018 - 5/31/2018	1000
6/1/2018 - 6/30/2018	1000
7/1/2018 - 7/31/2018	1000
8/1/2018 - 8/31/2018	1000
9/1/2018 - 9/30/2018	1000
10/1/2018 - 10/31/2018	1000
11/1/2018 - 11/30/2018	1000
12/1/2018 - 12/31/2018	1000
1/1/2019 - 1/31/2019	1000
2/1/2019 - 2/28/2019	1000
3/1/2019 - 3/31/2019	1000
4/1/2019 - 4/30/2019	1000
5/1/2019 - 5/31/2019	1000
6/1/2019 - 6/30/2019	1000
7/1/2019 - 7/31/2019	1000
8/1/2019 - 8/31/2019	1000
9/1/2019 - 9/30/2019	1000
10/1/2019 - 10/31/2019	1000
11/1/2019 - 11/30/2019	1000
12/1/2019 - 12/31/2019	1000
1/1/2020 - 1/31/2020	1000
2/1/2020 - 2/28/2020	1000
3/1/2020 - 3/31/2020	1000
4/1/2020 - 4/30/2020	1000
5/1/2020 - 5/31/2020	1000
6/1/2020 - 6/30/2020	1000
7/1/2020 - 7/31/2020	1000
8/1/2020 - 8/31/2020	1000
9/1/2020 - 9/30/2020	1000
10/1/2020 - 10/31/2020	1000
11/1/2020 - 11/30/2020	1000
12/1/2020 - 12/31/2020	1000
1/1/2021 - 1/31/2021	1000
2/1/2021 - 2/28/2021	1000
3/1/2021 - 3/31/2021	1000
4/1/2021 - 4/30/2021	1000
5/1/2021 - 5/31/2021	1000
6/1/2021 - 6/30/2021	1000
7/1/2021 - 7/31/2021	1000
8/1/2021 - 8/31/2021	1000
9/1/2021 - 9/30/2021	1000
10/1/2021 - 10/31/2021	1000
11/1/2021 - 11/30/2021	1000
12/1/2021 - 12/31/2021	1000
1/1/2022 - 1/31/2022	1000
2/1/2022 - 2/28/2022	1000
3/1/2022 - 3/31/2022	1000
4/1/2022 - 4/30/2022	1000
5/1/2022 - 5/31/2022	1000
6/1/2022 - 6/30/2022	1000
7/1/2022 - 7/31/2022	1000
8/1/2022 - 8/31/2022	1000
9/1/2022 - 9/30/2022	1000
10/1/2022 - 10/31/2022	1000
11/1/2022 - 11/30/2022	1000
12/1/2022 - 12/31/2022	1000
1/1/2023 - 1/31/2023	1000
2/1/2023 - 2/28/2023	1000
3/1/2023 - 3/31/2023	1000
4/1/2023 - 4/30/2023	1000
5/1/2023 - 5/31/2023	1000
6/1/2023 - 6/30/2023	1000
7/1/2023 - 7/31/2023	1000
8/1/2023 - 8/31/2023	1000
9/1/2023 - 9/30/2023	1000
10/1/2023 - 10/31/2023	1000
11/1/2023 - 11/30/2023	1000
12/1/2023 - 12/31/2023	1000
1/1/2024 - 1/31/2024	1000
2/1/2024 - 2/28/2024	1000
3/1/2024 - 3/31/2024	1000
4/1/2024 - 4/30/2024	1000
5/1/2024 - 5/31/2024	1000
6/1/2024 - 6/30/2024	1000
7/1/2024 - 7/31/2024	1000
8/1/2024 - 8/31/2024	1000
9/1/2024 - 9/30/2024	1000
10/1/2024 - 10/31/2024	1000
11/1/2024 - 11/30/2024	1000
12/1/2024 - 12/31/2024	1000
1/1/2025 - 1/31/2025	1000
2/1/2025 - 2/28/2025	1000
3/1/2025 - 3/31/2025	1000
4/1/2025 - 4/30/2025	1000
5/1/2025 - 5/31/2025	1000
6/1/2025 - 6/30/2025	1000
7/1/2025 - 7/31/2025	1000
8/1/2025 - 8/31/2025	1000
9/1/2025 - 9/30/2025	1000
10/1/2025 - 10/31/2025	1000
11/1/2025 - 11	

Start		End	
2 01 1996		2 29 1996	20,843 Gallons

Sanitary Discharge Only

[illegible]

Signature of Principal
or Authorized Agent

Type name and title

Telephone number
and Date

Dennis Morrison
Plant Manager

201-344-4879

Mar 19 1996

USER CHARGE SELF MONITORING REPORT

Name SUN CHEMICAL CORPORATION

Address 185 FOUNDRY STREET NEWARK, NEW JERSEY 07105

Facility Location 185 FOUNDRY STREET NEWARK, NEW JERSEY 07105

Outlet Designation (17 digits) 20401042-44100-201

Monitoring Period	
Start	End
2 01 1996	2 29 1996

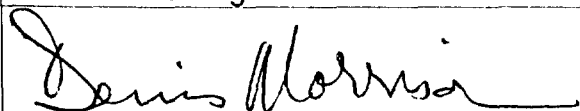
Volume Discharged this Period
2,970,520 Gallons

Date	BOD 0310	TSS 0530	Date	BOD 0310	TSS 0530	
02/01/96	5,800	75				
02/08/96	13,600	313				
02/14/96	6,710	32				
02/22/96	11,600	78				
02/27/96	12,000	71				

Signature of Principal
or Authorized Agent

Type name and title

Telephone number
and Date



Dennis Morrison
Plant Manager

201-344-4879

Mar 19 1996

Name SUN CHEMICAL
 Mailing Address 185 FOUNDRY ST NEWARK N.J. 07105
 Facility Location 185 FOUNDRY ST NEWARK N.J. 07105
 Category & Subpart 40CFR 414 SUBPART H Outlet# 204010142-44100-020
 Contact Official DENNIS MORRISON Telephone# 201-344-4879

Monitoring Period					
2	1	96	2	29	96
Mo.	Day	Yr.	Mo.	Day	Yr.
Start			End		
Production rate (if applicable)					

For Reporting Period

	AVG	MAX
Regulated flow-gal/day	102,432	112,125
Total Flow-gal/day	108,579	119,438
Method used		
TOTAL INCOMING CITY WATER - 5% for		
EVAPORATION - SANITARY DISCHARGE		
DIVIDED BY NUMBER OF DAYS WORKED.		

Parameter		Mass Limit or Concentration			No. of Samples	Sample type Comp./gral
		Average	Maximum	Units		
	Sample measurement					
	Permit requirement					
	Sample measurement					
	Permit requirement					
	Sample measurement					
	Permit requirement					
	Sample measurement					
	Permit requirement					
	Sample measurement					
	Permit requirement					
	Sample measurement					
	Permit requirement					
	Sample measurement					
	Permit requirement					

PVSC Form MR-1 Rev. 4 6/87 P1

See ATTACHED
 NOTE: No modifications have been made
 to the plot plan during this period

March 21, 1996

Sun Chemical
185 Foundry Street Newark, N.J. 07105
Permit # 20401042-44100-0201

Month of February 1995

	<i>Average Permit Requirement</i>	<i>Average Actual Value</i>	<i>Maximum Permit Requirement</i>	<i>Maximum Actual Value</i>
<i>Water Volume of period</i>	2,970,520	2,970,520	3,267,572	3,267,572
<i>Working days</i>	29	29	29	29
<i>Average Gallons / Day</i>	102,432	102,432	112,675	112,675
<i>Million Gallons / Day</i>	0.1024	0.1024	0.1127	0.1127

<u>Parameter</u>			<u>Monthly Average</u>		<u>Daily Maximum</u>	<u>Units</u>	<u># samples</u>	<u>sample type</u>
1,2 Dichlorobenzene	Sample Permit	<	0.02392	<	0.02392	lbs. / day	1	COMP
			0.17457		0.70721	lbs. / day	1	
1,3 Dichlorobenzene	Sample Permit	<	0.02563	<	0.02563	lbs. / day	1	COMP
			0.12648		0.33846	lbs. / day	1	
1,4 Dichlorobenzene	Sample Permit	<	0.02221	<	0.02221	lbs. / day	1	COMP
			0.12648		0.33846	lbs. / day	1	
1,1 Dichloroethylene	Sample Permit	<	0.02392	<	0.02392	lbs. / day	1	GRAB
			0.01960		0.05344	lbs. / day	1	
1,2 trans-Dichloroethylene	Sample Permit	<	0.01879	<	0.01879	lbs. / day	1	GRAB
			0.02227		0.05879	lbs. / day	1	
1,2 Dichloropropane	Sample Permit	<	0.00683	<	0.00683	lbs. / day	1	GRAB
			0.17457		0.70721	lbs. / day	1	
1,3 Dichloropropylene	Sample Permit	<	0.01367	<	0.01367	lbs. / day	1	GRAB
			0.17457		0.70721	lbs. / day	1	
1,2 Dichloroethane	Sample Permit	<	0.01367	<	0.01367	lbs. / day	1	GRAB
			0.16032		0.51125	lbs. / day	1	
1,1,1 Trichloroethane	Sample Permit	<	0.01025	<	0.01025	lbs. / day	1	GRAB
			0.01960		0.05255	lbs. / day	1	
Hexachloroethane	Sample Permit	<	0.01965	<	0.01965	lbs. / day	1	COMP
			0.17457		0.70721	lbs. / day	1	
Methylene Chloride	Sample Permit	<	0.00683	<	0.00683	lbs. / day	1	GRAB
			0.03206		0.15142	lbs. / day	1	
Ethylbenzene	Sample Permit	<	0.01367	<	0.01367	lbs. / day	1	GRAB
			0.12648		0.33846	lbs. / day	1	

843710165

Methylchloride	Sample Permit	<	0.02050 0.09798	<	0.02050 0.26275	lbs. / day lbs. / day	1 1	GRAB
Hexachlorobutadiene	Sample Permit	<	0.01623 0.12648	<	0.01623 0.33846	lbs. / day lbs. / day	1 1	COMP
Nitrobenzene	Sample Permit		0.02990 1.99247		0.02990 5.70218	lbs. / day lbs. / day	1 1	COMP
2-Nitrophenol	Sample Permit	<	0.02221 0.05789	<	0.02221 0.20575	lbs. / day lbs. / day	1 1	COMP
4-Nitrophenol	Sample Permit	<	0.01623 0.14429	<	0.01623 0.51304	lbs. / day lbs. / day	1 1	COMP
4,6 Dinitro O-cresol	Sample Permit	<	0.02221 0.06947	<	0.02221 0.24672	lbs. / day lbs. / day	1 1	COMP
Tetrachloroethylene	Sample Permit	<	0.01879 0.04632	<	0.01879 0.14607	lbs. / day lbs. / day	1 1	COMP
Toluene	Sample Permit		0.07432 0.02494		0.07432 0.06591	lbs. / day lbs. / day	1 1	GRAB
Trichloroethylene	Sample Permit	<	0.01538 0.02316	<	0.01538 0.06146	lbs. / day lbs. / day	1 1	GRAB
Benzene	Sample Permit	<	0.01196 0.05077	<	0.01196 0.11935	lbs. / day lbs. / day	1 1	GRAB
Carbontetrachloride	Sample Permit	<	0.00051 0.12648	<	0.00051 0.33846	lbs. / day lbs. / day	1 1	GRAB
1,2,4 Trichlorobenzene	Sample Permit	<	0.02477 0.17457	<	0.02477 0.70721	lbs. / day lbs. / day	1 1	COMP
Chlorobenzene	Sample Permit	<	0.01025 0.12648	<	0.01025 0.33846	lbs. / day lbs. / day	1 1	GRAB
Hexachlorobenzene	Sample Permit	<	0.01879 0.17457	<	0.01879 0.70721	lbs. / day lbs. / day	1 1	COMP
1,1 Dichloroethane	Sample Permit	<	0.01538 0.01960	<	0.01538 0.05255	lbs. / day lbs. / day	1 1	GRAB
1,1,2 Trichloroethane	Sample Permit	<	0.02734 0.02850	<	0.02734 0.11312	lbs. / day lbs. / day	1 1	GRAB
Chloroethane	Sample Permit	<	0.02392 0.09798	<	0.02392 0.26275	lbs. / day lbs. / day	1 1	COMP
Chloroform	Sample Permit	<	0.01196 0.09887	<	0.01196 0.28947	lbs. / day lbs. / day	1 1	GRAB

Vinyl Chloride	Sample	<	0.01879	<	0.01879	lbs. / day	1	GRAB
	Permit		0.08640		0.15320	lbs. / day	1	
Total cyanide	Sample	<	0.00854	<	0.00854	lbs. / day	1	GRAB
	Permit		0.37409		1.06882	lbs. / day	1	
Total lead - Not regulated per PVSC letter 1/31/95	Sample	<	0.00000	<	0.00000	lbs. / day	1	COMP
	Permit		Not Regulated		Not Regulat	lbs. / day	1	
Total zinc	Sample		0.27935		0.27935	lbs. / day	1	COMP
	Permit		0.93522		2.32469	lbs. / day	1	

N/A

Compliance or non compliance statement with compliance schedule (use additional sheets

if necessary) for every parameter used.

SUN CHEMICAL is ^{NOT} reporting compliance with all
PARAMETERS of 40 CFR 414 SUBPART H. TOLUENE IS
REPORTED ABOVE THE DAILY MAXIMUM AND MONTHLY AVERAGE
LIMITS.

Explain Method for preserving samples

SEE letter from GENERAL TESTING LABS

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

403.6(a)(2)(ii) revised by 53 FR 40610, October 17, 1988

Dennis Morrison

Signature of Principal
Executive or Authorized Agent

Dennis Morrison

PLANT MANAGER

Type Name and Title

3/21/96

Date

SunChemical

Pigments Division
Sun Chemical Corporation
185 Foundry Street
Newark NJ 07105
201 344 4879
201 344 6875 Fax

COPY

April 19, 1996

Passaic Valley Sewerage Commissioners
600 Wilson Avenue
Newark, New Jersey 07105
ATTN: Industrial and Pollution

RE: MR-1 and MR-2 Report for March 1996

Mr. D'Ascensio:

Enclosed please find an MR-1 and MR-2 report for the period covering March 1 through March 31, 1996 for the SunChemical Corporation facility located at the above address.

If you have any questions regarding this information, please contact me at your convenience at (201) 344-4879.

Very Truly Yours,

Dennis Morris

Dennis Morris
Plant Manager



cc: R. Sharkey
A. Shearer
J. Wiedow

843710169

Monthly Water Calculation
March 1996

Water Meter Readings

<u>Date</u>	<u>Meter 1(Ft3)</u>	<u>Meter 2(Ft3)</u>	<u>Meter 3(gal)</u>
March 1	0034300	46237330	1448200
March 31	0093350	46649470	1474700
Difference	59050	412140	26500

Total Gallons = [Meter 1(Ft3) + Meter 2(Ft3)]. x 7.48 = 3,524,501 gallons

Minus 5% Evaporation = 176,225 gallons

Minus sanitary discharge = Meter 3(gal) = 26,500 gallons

Total Regulated Flow = 3,321,776 gallons

USER CHARGE SELF MONITORING REPORT

Name SUN CHEMICAL CORPORATION

Address 185 FOUNDRY STREET NEWARK, NEW JERSEY 07105

Facility Location 185 FOUNDRY STREET NEWARK, NEW JERSEY 07105

Outlet Designation (17 digits) 20401042-44100-201

Monitoring Period	
Start	End
3 01 1996	3 31 1996

Volume Discharged this Period
1,679,546 Gallons

Date	BOD 0310	TSS 0530	Date	BOD 0310	TSS 0530	
03/06/96	13,900	71				
03/14/96	11,200	89				
03/19/96	7,080	27				
03/27/96	4,750	1,110				

Signature of Principal
or Authorized Agent

Type name and title

Telephone number
and Date



Dennis Morrison
Plant Manager

201-344-4879

April 17 1996

USER CHARGE SELF MONITORING REPORT

Name SUN CHEMICAL CORPORATION

Address 185 FOUNDRY STREET NEWARK, NEW JERSEY 07105

Facility Location	185 FOUNDRY STREET NEWARK, NEW JERSEY 07105
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Outlet Designation (17 digits)	20401041-44100-201
--------------------------------	--------------------

Monitoring Period	Volume Discharged this Period
-------------------	-------------------------------

Start	End	
3 01 1996	3 31 1996	13,600 Gallons

Sanitary Discharge Only

[illegible]

Signature of Principal
or Authorized Agent _____

Type name and title

Telephone number
and Date

Dennis Morrison
Plant Manager

201-344-4879

April 17 1996

Name SUN CHEMICAL
 Mailing Address 185 FOUNDRY ST NEWARK N.J. 07105
 Facility Location 185 FOUNDRY ST NEWARK N.J. 07105
 Category & Subpart 40CFR 414 SUBPART H Outlet# 20401042-44100-020
 Contact Official DENNIS MORRISON Telephone# 201-344-4879

Monitoring Period					
13	1	96	3	31	96
Mo.	Day	Yr.	Mo.	Day	Yr.
Start			End		
Production rate (if applicable)					

For Reporting Period
 Regulated flow-gal/day AVG 107,154 MAX 117,869
 Total Flow-gal/day 113,694 125,063
 Method used
TOTAL INCOMING CITY WATER - 5% for
EVAPORATION - SANITARY DISCHARGE
DIVIDED BY NUMBER OF DAYS WORKED.

Parameter		Mass Limit or Concentration			No. of Samples	Sample type Comp./gal
		Average	Maximum	Units		
	Sample measurement					
	Permit requirement					
	Sample measurement					
	Permit requirement					
	Sample measurement					
	Permit requirement					
	Sample measurement					
	Permit requirement					
	Sample measurement					
	Permit requirement					
	Sample measurement					
	Permit requirement					
	Sample measurement					
	Permit requirement					

PVSC Form M11-1 Rev. 4 6/87 P1

See Attached
 NOTE: No modifications have been made
 to the plot plan during this period

843710173

April 19, 1996

Sun Chemical
185 Foundry Street Newark, N.J. 07105
Permit # 20401042-44100-0201

Month of March 1995

	<i>Average Permit Requirement</i>	<i>Average Actual Value</i>	<i>Maximum Permit Requirement</i>	<i>Maximum Actual Value</i>
<i>Water Volume of period</i>	3,321,776	3,321,776	3,653,954	3,653,954
<i>Working days</i>	31	31	31	31
<i>Average Gallons / Day</i>	107,154	107,154	117,869	117,869
<i>Million Gallons / Day</i>	0.1072	0.1072	0.1179	0.1179

<u>Parameter</u>			<u>Monthly Average</u>		<u>Daily Maximum</u>	<u>Units</u>	<u># samples</u>	<u>sample type</u>
1,2 Dichlorobenzene	Sample Permit	<	0.13405	<	0.13405	lbs. / day	1	COMP
			0.17457		0.70721	lbs. / day	1	
1,3 Dichlorobenzene	Sample Permit	<	0.14299	<	0.14299	lbs. / day	1	COMP
			0.12648		0.33846	lbs. / day	1	
1,4 Dichlorobenzene	Sample Permit	<	0.12511	<	0.12511	lbs. / day	1	COMP
			0.12648		0.33846	lbs. / day	1	
1,1 Dichloroethylene	Sample Permit	<	0.00626	<	0.00626	lbs. / day	1	GRAB
			0.01960		0.05344	lbs. / day	1	
1,2 trans-Dichloroethylene	Sample Permit	<	0.00492	<	0.00492	lbs. / day	1	GRAB
			0.02227		0.05879	lbs. / day	1	
1,2 Dichloropropane	Sample Permit	<	0.00179	<	0.00179	lbs. / day	1	GRAB
			0.17457		0.70721	lbs. / day	1	
1,3 Dichloropropylene	Sample Permit	<	0.00357	<	0.00357	lbs. / day	1	GRAB
			0.17457		0.70721	lbs. / day	1	
1,2 Dichloroethane	Sample Permit	<	0.00357	<	0.00357	lbs. / day	1	GRAB
			0.16032		0.51125	lbs. / day	1	
1,1,1 Trichloroethane	Sample Permit	<	0.00268	<	0.00268	lbs. / day	1	GRAB
			0.01960		0.05255	lbs. / day	1	
Hexachloroethane	Sample Permit	<	0.10724	<	0.10724	lbs. / day	1	COMP
			0.17457		0.70721	lbs. / day	1	
Methylene Chloride	Sample Permit	<	0.00179	<	0.00179	lbs. / day	1	GRAB
			0.03206		0.15142	lbs. / day	1	
Ethylbenzene	Sample Permit	<	0.00357	<	0.00357	lbs. / day	1	GRAB
			0.12648		0.33846	lbs. / day	1	

843710174

Methylchloride	Sample Permit	<	0.00536 0.09798	<	0.00536 0.26275	lbs. / day lbs. / day	1 1	GRAB
Hexachlorobutadiene	Sample Permit	<	0.08937 0.12648	<	0.08937 0.33846	lbs. / day lbs. / day	1 1	COMP
Nitrobenzene	Sample Permit	<	0.09830 1.99247	<	0.09830 5.70218	lbs. / day lbs. / day	1 1	COMP
2-Nitrophenol	Sample Permit	<	0.12511 0.05789	<	0.12511 0.20575	lbs. / day lbs. / day	1 1	COMP
4-Nitrophenol	Sample Permit	<	0.08937 0.14429	<	0.08937 0.51304	lbs. / day lbs. / day	1 1	COMP
4,6 Dinitro O-cresol	Sample Permit	<	0.12511 0.06947	<	0.12511 0.24672	lbs. / day lbs. / day	1 1	COMP
Tetrachloroethylene	Sample Permit	<	0.00492 0.04632	<	0.00492 0.14607	lbs. / day lbs. / day	1 1	COMP
Toluene	Sample Permit	<	0.00402 0.02494	<	0.00402 0.06591	lbs. / day lbs. / day	1 1	GRAB
Trichloroethylene	Sample Permit	<	0.00402 0.02316	<	0.00402 0.06146	lbs. / day lbs. / day	1 1	GRAB
Benzene	Sample Permit	<	0.00313 0.05077	<	0.00313 0.11935	lbs. / day lbs. / day	1 1	GRAB
Carbontetrachloride	Sample Permit	<	0.00268 0.12648	<	0.00268 0.33846	lbs. / day lbs. / day	1 1	GRAB
1,2,4 Trichlorobenzene	Sample Permit	<	0.13405 0.17457	<	0.13405 0.70721	lbs. / day lbs. / day	1 1	COMP
Chlorobenzene	Sample Permit	<	0.00268 0.12648	<	0.00268 0.33846	lbs. / day lbs. / day	1 1	GRAB
Hexachlorobenzene	Sample Permit	<	0.10724 0.17457	<	0.10724 0.70721	lbs. / day lbs. / day	1 1	COMP
1,1 Dichloroethane	Sample Permit	<	0.00402 0.01960	<	0.00402 0.05255	lbs. / day lbs. / day	1 1	GRAB
1,1,2 Trichloroethane	Sample Permit	<	0.00715 0.02850	<	0.00715 0.11312	lbs. / day lbs. / day	1 1	GRAB
Chloroethane	Sample Permit	<	0.00626 0.09798	<	0.00626 0.26275	lbs. / day lbs. / day	1 1	COMP
Chloroform	Sample Permit		0.00536 0.09887		0.00536 0.28947	lbs. / day lbs. / day	1 1	GRAB

Vinyl Chloride	Sample	<	0.00492	<	0.00492	lbs. / day	1	GRAB
	Permit		0.08640		0.15320	lbs. / day	1	
Total cyanide	Sample	<	0.00894	<	0.00894	lbs. / day	1	GRAB
	Permit		0.37409		1.06882	lbs. / day	1	
Total lead - Not regulated per PVSC letter 1/31/95	Sample	<	0.00000	<	0.00000	lbs. / day	1	COMP
	Permit		Not Regulated		Not Regulat	lbs. / day	1	
Total zinc	Sample		0.24755		0.24755	lbs. / day	1	COMP
	Permit		0.93522		2.32469	lbs. / day	1	

Certification of Non-use if applicable (use additional sheets)

N/A

Compliance or non compliance statement with compliance schedule (use additional sheets if necessary) for every parameter used.

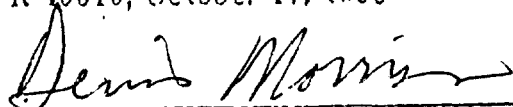
SUN CHEMICAL is reporting compliance with all
PARAMETERS of 40 CFR 414 SUBPART H.

Explain Method for preserving samples

SEE letter FROM GENERAL TESTING LABS

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

403.6(a)(2)(ii) revised by 53 FR 40610, October 17, 1988



Signature of Principal
Executive or Authorized Agent

Dennis Morrison

PLANT MANAGER

Type Name and Title

April 19, 1996

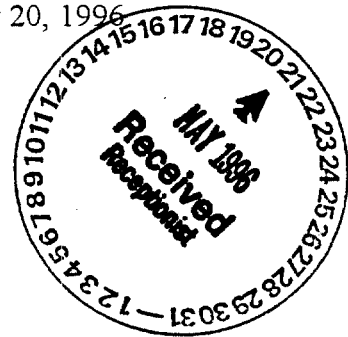
Date

SunChemical

Pigments Division
Sun Chemical Corporation
185 Foundry Street
Newark NJ 07105
201 344 4879
201 344 6875 Fax

May 20, 1996

Passaic Valley Sewerage Commissioners
600 Wilson Avenue
Newark, New Jersey 07105
ATTN: Industrial and Pollution



RE: MR-1 and MR-2 Report for April 1996

Mr. D'Ascensio:

Enclosed please find an MR-1 and MR-2 report for the period covering April 1 through April 30, 1996 for the SunChemical Corporation facility located at the above address.

If you have any questions regarding this information, please contact me at your convenience at (201) 344-4879.

Very Truly Yours,

Dennis Morrison
Plant Manager

cc: R. Sharkey
A. Shearer
J. Wiedow

843710178

Monthly Water Calculation
April 1996

Water Meter Readings

<u>Date</u>	<u>Meter 1(Ft3)</u>	<u>Meter 2(Ft3)</u>	<u>Meter 3(gal)</u>
April 1	0093350	46649470	1474700
April 30	0139420	46885000	1497100
Difference	46070	235530	22400

Total Gallons = [Meter 1(Ft3) + Meter 2(Ft3)]. x 7.48 = 2,106,368 gallons

Minus 5% Evaporation = 105,318 gallons

Minus sanitary discharge = Meter 3(gal) = 22,400 gallons

Total Regulated Flow = 1,978,650 gallons

USER CHARGE SELF MONITORING REPORT

Name SUN CHEMICAL CORPORATION

Address 185 FOUNDRY STREET NEWARK, NEW JERSEY 07105

Facility Location 185 FOUNDRY STREET NEWARK, NEW JERSEY 07105

Outlet Designation (17 digits) 20401042-44100-201

Monitoring Period	
Start	End
4 01 1996	4 30 1996

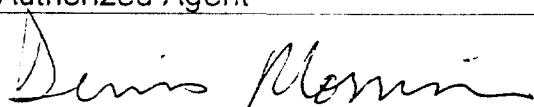
Volume Discharged this Period
1,978,650 Gallons

Date	BOD 0310	TSS 0530	Date	BOD 0310	TSS 0530	
04/02/96	7,900	114				
04/09/96	3,480	90				
04/10/96	3,600	117				
04/16/96	7,740	102				
04/17/96	10,400	775				
04/25/96	4,890	155				

Signature of Principal
or Authorized Agent

Type name and title

Telephone number
and Date



Dennis Morrison
Plant Manager

201-344-4879

May 21 1996

USER CHARGE SELF MONITORING REPORT

Name SUN CHEMICAL CORPORATION

Address 185 FOUNDRY STREET NEWARK, NEW JERSEY 07105

Facility Location	185 FOUNDRY STREET NEWARK, NEW JERSEY 07105
-------------------	---

Outlet Designation (17 digits)	20401041-44100-201
--------------------------------	--------------------

Monitoring Period	Volume Discharged this Period
-------------------	-------------------------------

Start	End	
4 01 1996	4 30 1996	22,400 Gallons

Sanitary Discharge Only

[illegible]

Signature of Principal
or Authorized Agent

Type name and title

Telephone number
and Date

Dennis Morrison
Plant Manager

201-344-4879

May 21 1996

Name SUN CHEMICAL
 Mailing Address 185 FOUNDRY ST NEWARK N.J. 07105
 Facility Location 185 FOUNDRY ST NEWARK N.J 07105
 Category & Subpart 40CFR 414 SUBPART H Outlet # 20401042-44100-020
 Contact Official DEMMIS MORRISON Telephone # 201-344-4879

Monitoring Period					
4	1	96	4	30	96
Mo.	Day	Yr.	Mo.	Day	Yr.
Start			End		
Production rate (if applicable)					

For Reporting Period

Regulated flow-gal/day 68,229 ^{AVG} 75,052 ^{MAX}
 Total Flow-gal/day 72,633 74,877
 Method used

TOTAL INCOMING CITY WATER - 5% for
EVAPORATION - SANITARY DISCHARGE
DIVIDED BY NUMBER OF DAYS WORKED.

Parameter		Mass Limit or Concentration			No. of Samples	Sample type Comp./gal
		Average	Maximum	Units		
	Sample measurement					
	Permit requirement					
	Sample measurement					
	Permit requirement					
	Sample measurement					
	Permit requirement					
	Sample measurement					
	Permit requirement					
	Sample measurement					
	Permit requirement					
	Sample measurement					
	Permit requirement					
	Sample measurement					
	Permit requirement					

PVSC Form MR-1 Rev. 4 G/87 P1

843710182

See ATTACHED
 NOTE: No modifications have been made
 to the plot plan during this period

May 20, 1996

Sun Chemical
185 Foundry Street Newark, N.J. 07105
Permit # 20401042-44100-0201

Month of April 1996

	<i>Average Permit Requirement</i>	<i>Average Actual Value</i>	<i>Maximum Permit Requirement</i>	<i>Maximum Actual Value</i>
<i>Water Volume of period</i>	1,978,650	1,978,650	2,176,515	2,176,515
<i>Working days</i>	29	29	29	29
<i>Average Gallons / Day</i>	68,229	68,229	75,052	75,052
<i>Million Gallons / Day</i>	0.0682	0.0682	0.0751	0.0751

<u>Parameter</u>			<u>Monthly Average</u>		<u>Daily Maximum</u>	<u>Units</u>	<u># samples</u>	<u>sample type</u>
1,2 Dichlorobenzene	Sample Permit	<	0.01593	<	0.01593	lbs. / day	1	COMP
			0.17457		0.70721	lbs. / day	1	
1,3 Dichlorobenzene	Sample Permit	<	0.01707	<	0.01707	lbs. / day	1	COMP
			0.12648		0.33846	lbs. / day	1	
1,4 Dichlorobenzene	Sample Permit	<	0.01479	<	0.01479	lbs. / day	1	COMP
			0.12648		0.33846	lbs. / day	1	
1,1 Dichloroethylene	Sample Permit	<	0.01593	<	0.01593	lbs. / day	1	GRAB
			0.01960		0.05344	lbs. / day	1	
1,2 trans-Dichloroethylene	Sample Permit	<	0.01252	<	0.01252	lbs. / day	1	GRAB
			0.02227		0.05879	lbs. / day	1	
1,2 Dichloropropane	Sample Permit	<	0.00455	<	0.00455	lbs. / day	1	GRAB
			0.17457		0.70721	lbs. / day	1	
1,3 Dichloropropylene	Sample Permit	<	0.00910	<	0.00910	lbs. / day	1	GRAB
			0.17457		0.70721	lbs. / day	1	
1,2 Dichloroethane	Sample Permit	<	0.00910	<	0.00910	lbs. / day	1	GRAB
			0.16032		0.51125	lbs. / day	1	
1,1,1 Trichloroethane	Sample Permit	<	0.00683	<	0.00683	lbs. / day	1	GRAB
			0.01960		0.05255	lbs. / day	1	
Hexachloroethane	Sample Permit	<	0.01309	<	0.01309	lbs. / day	1	COMP
			0.17457		0.70721	lbs. / day	1	
Methylene Chloride	Sample Permit	<	0.00455	<	0.00455	lbs. / day	1	GRAB
			0.03206		0.15142	lbs. / day	1	
Ethylbenzene	Sample Permit	<	0.00910	<	0.00910	lbs. / day	1	GRAB
			0.12648		0.33846	lbs. / day	1	

843710183

Methylchloride	Sample Permit	<	0.01366 0.09798	<	0.01366 0.26275	lbs. / day lbs. / day	1 1	GRAB
Hexachlorobutadiene	Sample Permit	<	0.01081 0.12648	<	0.01081 0.33846	lbs. / day lbs. / day	1 1	COMP
Nitrobenzene	Sample Permit	<	0.01195 1.99247	<	0.01195 5.70218	lbs. / day lbs. / day	1 1	COMP
2-Nitrophenol	Sample Permit	<	0.01479 0.05789	<	0.01479 0.20575	lbs. / day lbs. / day	1 1	COMP
4-Nitrophenol	Sample Permit	<	0.01081 0.14429	<	0.01081 0.51304	lbs. / day lbs. / day	1 1	COMP
4,6 Dinitro O-cresol	Sample Permit	<	0.01479 0.06947	<	0.01479 0.24672	lbs. / day lbs. / day	1 1	COMP
Tetrachloroethylene	Sample Permit	<	0.01252 0.04632	<	0.01252 0.14607	lbs. / day lbs. / day	1 1	COMP
Toluene	Sample Permit	<	0.01024 0.02494	<	0.01024 0.06591	lbs. / day lbs. / day	1 1	GRAB
Trichloroethylene	Sample Permit	<	0.01024 0.02316	<	0.01024 0.06146	lbs. / day lbs. / day	1 1	GRAB
Benzene	Sample Permit	<	0.00797 0.05077	<	0.00797 0.11935	lbs. / day lbs. / day	1 1	GRAB
Carbontetrachloride	Sample Permit	<	0.00683 0.12648	<	0.00683 0.33846	lbs. / day lbs. / day	1 1	GRAB
1,2,4 Trichlorobenzene	Sample Permit	<	0.01650 0.17457	<	0.01650 0.70721	lbs. / day lbs. / day	1 1	COMP
Chlorobenzene	Sample Permit	<	0.00683 0.12648	<	0.00683 0.33846	lbs. / day lbs. / day	1 1	GRAB
Hexachlorobenzene	Sample Permit	<	0.01252 0.17457	<	0.01252 0.70721	lbs. / day lbs. / day	1 1	COMP
1,1 Dichloroethane	Sample Permit	<	0.01024 0.01960	<	0.01024 0.05255	lbs. / day lbs. / day	1 1	GRAB
1,1,2 Trichloroethane	Sample Permit	<	0.01821 0.02850	<	0.01821 0.11312	lbs. / day lbs. / day	1 1	GRAB
Chloroethane	Sample Permit	<	0.01593 0.09798	<	0.01593 0.26275	lbs. / day lbs. / day	1 1	COMP
Chloroform	Sample Permit	<	0.00797 0.09887	<	0.00797 0.28947	lbs. / day lbs. / day	1 1	GRAB

Vinyl Chloride	Sample	<	0.01252	<	0.01252	lbs. / day	1	GRAB
	Permit		0.08640		0.15320	lbs. / day	1	
Total cyanide	Sample	<	0.00569	<	0.00569	lbs. / day	1	GRAB
	Permit		0.37409		1.06882	lbs. / day	1	
Total lead - Not regulated per PVSC letter 1/31/95	Sample	<	0.00000	<	0.00000	lbs. / day	1	COMP
	Permit		Not Regulated		Not Regulat	lbs. / day	1	
Total zinc	Sample		0.15364		0.15364	lbs. / day	1	COMP
	Permit		0.93522		2.32469	lbs. / day	1	

Certification of Non-use if applicable (use additional sheets)

N/A

Compliance or non compliance statement with compliance schedule (use additional sheets if necessary) for every parameter used.

SUN CHEMICAL is reporting compliance with all
PARAMETERS of 40 CFR 414 SUBPART 14.

Explain Method for preserving samples

SEE letter FROM GENERAL TESTING LABS

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

403.6(a)(2)(ii) revised by 53 FR 40610, October 17, 1988

Dennis Morrison

Signature of Principal
Executive or Authorized Agent

Dennis Morrison

PLANT MANAGER

Type Name and Title

May 21 1996

Date

SunChemical

Pigments Division
Sun Chemical Corporation
185 Foundry Street
Newark NJ 07105
201 344 4879
201 344 6875 Fax

July 3, 1996

Passaic Valley Sewerage Commissioners
600 Wilson Avenue
Newark, New Jersey 07105
ATTN: Industrial and Pollution

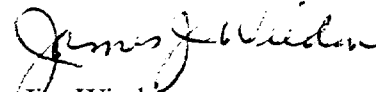
RE: MR-1 Report for May 1996

Mr. D'Ascensio:

Enclosed please find an MR-1 report for the period covering May 1 through May 31, 1996 for the SunChemical Corporation facility located at the above address.

If you have any questions regarding this information, please contact me at your convenience at (201) 344-4879.

Very Truly Yours,


Jim Wiedow
Environmental Manager

cc: D. Morrison w/o encl.
R. Sharkey w/ encl.
A. Shearer w/o encl.



843710187

Monthly Water Calculation
May 1996

Water Meter Readings

<u>Date</u>	<u>Meter 1(Ft3)</u>	<u>Meter 2(Ft3)</u>	<u>Meter 3(gal)</u>
May 1	0139420	46885000	1497100
May 31	0192520	47180870	1524200
Difference	53100	295870	27100

Total Gallons = [Meter 1(Ft3) + Meter 2(Ft3)]. x 7.48 = 2,610,296 gallons

Minus 5% Evaporation = 130,515 gallons

Minus sanitary discharge = Meter 3(gal) = 27,100 gallons

Total Regulated Flow = 2,452,681 gallons

Name SUN CHEMICAL

Mailing Address 185 FOUNDRY ST NEWARK N.J. 07105

Facility Location 185 FOUNDRY ST NEWARK N.J. 07105

Category & Subpart 40CFR 414 SUBPART H Outlet # 20401042-44100-020

Contact Official DENNIS MORRISON Telephone # 201-344-4879

Monitoring Period					
5	1	96	5	31	96
Mo.	Day	Yr.	Mo.	Day	Yr.
Start			End		
Production rate (if applicable)					

For Reporting Period

Regulated flow-gal/day 81,736 ^{AVG} 87,932 ^{MAX}
Total Flow-gal/day 87,010 95,711
Method used

TOTAL INCOMING CITY WATER - 5% for
EVAPORATION - SANITARY Discharge
DIVIDED BY NUMBER OF DAYS WORKED.

Parameter		Mass Limit or Concentration			No. of Samples	Sample type Comp./gral
		Average	Maximum	Units		
	Sample measurement					
	Permit requirement					
	Sample measurement					
	Permit requirement					
	Sample measurement					
	Permit requirement					
	Sample measurement					
	Permit requirement					
	Sample measurement					
	Permit requirement					
	Sample measurement					
	Permit requirement					
	Sample measurement					
	Permit requirement					

PVSC Form MR-1 Rev. 4 G/87 P1

843710189

See ATTACHED

NOTE: No modifications have been made
to the plot plan during this period

July 1, 1996

Sun Chemical
185 Foundry Street Newark, N.J. 07105
Permit # 20401042-44100-0201

Month of May 1996

		<i>Average Water Value</i>		<i>Maximum Water Value</i>				
<i>Water Volume of period</i>		2,452,681		2,697,949				
<i>Working days</i>		30		30				
<i>Average Gallons / Day</i>		81,756		89,932				
<i>Million Gallons / Day</i>		0.0818		0.0899				
<u>Parameter</u>			<u>Monthly Average</u>		<u>Daily Maximum</u>	<u>Units</u>	<u># samples</u>	<u>sample type</u>
1,2 Dichlorobenzene	Sample Permit	<	0.02046	<	0.02250	lbs. / day	1	COMP
			0.17457		0.70721	lbs. / day	1	
1,3 Dichlorobenzene	Sample Permit	<	0.02182	<	0.02400	lbs. / day	1	COMP
			0.12648		0.33846	lbs. / day	1	
1,4 Dichlorobenzene	Sample Permit	<	0.01909	<	0.02100	lbs. / day	1	COMP
			0.12648		0.33846	lbs. / day	1	
1,1 Dichloroethylene	Sample Permit	<	0.09546	<	0.10500	lbs. / day	1	GRAB
			0.01960		0.05344	lbs. / day	1	
1,2 trans-Dichloroethylene	Sample Permit	<	0.07500	<	0.08250	lbs. / day	1	GRAB
			0.02227		0.05879	lbs. / day	1	
1,2 Dichloropropane	Sample Permit	<	0.02727	<	0.03000	lbs. / day	1	GRAB
			0.17457		0.70721	lbs. / day	1	
1,3 Dichloropropylene	Sample Permit	<	0.05455	<	0.06000	lbs. / day	1	GRAB
			0.17457		0.70721	lbs. / day	1	
1,2 Dichloroethane	Sample Permit	<	0.05455	<	0.06000	lbs. / day	1	GRAB
			0.16032		0.51125	lbs. / day	1	
1,1,1 Trichloroethane	Sample Permit	<	0.04091	<	0.04500	lbs. / day	1	GRAB
			0.01960		0.05255	lbs. / day	1	
Hexachloroethane	Sample Permit	<	0.01636	<	0.01800	lbs. / day	1	COMP
			0.17457		0.70721	lbs. / day	1	
Methylene Chloride	Sample Permit	<	0.02727	<	0.03000	lbs. / day	1	GRAB
			0.03206		0.15142	lbs. / day	1	
Ethylbenzene	Sample Permit	<	0.05455	<	0.06000	lbs. / day	1	GRAB
			0.12648		0.33846	lbs. / day	1	

843710190

Methylchloride	Sample Permit	<	0.08182 0.09798	<	0.09000 0.26275	lbs. / day lbs. / day	1 1	GRAB
Hexachlorobutadiene	Sample Permit	<	0.01364 0.12648	<	0.01500 0.33846	lbs. / day lbs. / day	1 1	COMP
Nitrobenzene	Sample Permit	<	0.01500 1.99247	<	0.01650 5.70218	lbs. / day lbs. / day	1 1	COMP
2-Nitrophenol	Sample Permit	<	0.01909 0.05789	<	0.02100 0.20575	lbs. / day lbs. / day	1 1	COMP
4-Nitrophenol	Sample Permit	<	0.02591 0.14429	<	0.02850 0.51304	lbs. / day lbs. / day	1 1	COMP
4,6 Dinitro O-cresol	Sample Permit	<	0.01909 0.06947	<	0.02100 0.24672	lbs. / day lbs. / day	1 1	COMP
Tetrachloroethylene	Sample Permit	<	0.07500 0.04632	<	0.08250 0.14607	lbs. / day lbs. / day	1 1	COMP
Toluene	Sample Permit	<	0.06137 0.02494	<	0.06750 0.06591	lbs. / day lbs. / day	1 1	GRAB
Trichloroethylene	Sample Permit	<	0.06137 0.02316	<	0.06750 0.06146	lbs. / day lbs. / day	1 1	GRAB
Benzene	Sample Permit	<	0.04773 0.05077	<	0.05250 0.11935	lbs. / day lbs. / day	1 1	GRAB
Carbontetrachloride	Sample Permit	<	0.04091 0.12648	<	0.04500 0.33846	lbs. / day lbs. / day	1 1	GRAB
1,2,4 Trichlorobenzene	Sample Permit	<	0.02114 0.17457	<	0.02325 0.70721	lbs. / day lbs. / day	1 1	COMP
Chlorobenzene	Sample Permit	<	0.04091 0.12648	<	0.04500 0.33846	lbs. / day lbs. / day	1 1	GRAB
Hexachlorobenzene	Sample Permit	<	0.01568 0.17457	<	0.01725 0.70721	lbs. / day lbs. / day	1 1	COMP
1,1 Dichloroethane	Sample Permit	<	0.06137 0.01960	<	0.06750 0.05255	lbs. / day lbs. / day	1 1	GRAB
1,1,2 Trichloroethane	Sample Permit	<	0.10910 0.02850	<	0.12000 0.11312	lbs. / day lbs. / day	1 1	GRAB
Chloroethane	Sample Permit	<	0.09546 0.09798	<	0.10500 0.26275	lbs. / day lbs. / day	1 1	COMP
Chloroform	Sample Permit	<	0.04773 0.09887	<	0.05250 0.28947	lbs. / day lbs. / day	1 1	GRAB

Vinyl Chloride	Sample Permit	<	0.07500 0.08640	<	0.08250 0.15320	lbs. / day lbs. / day	1 1	GRAB
Total cyanide	Sample Permit	<	0.00682 0.37409	<	0.00750 1.06882	lbs. / day lbs. / day	1 1	GRAB
Total lead - Not regulated per PVSC letter 1/31/95	Sample Permit	<	0.00000 Not Regulated	<	0.00000 Not Regulat	lbs. / day lbs. / day	1 1	COMP
Total zinc	Sample Permit		0.21069 0.93522		0.23176 2.32469	lbs. / day lbs. / day	1 1	COMP
Acenaphthene	Sample Permit	<	0.01841 0.01692	<	0.02025 0.04186	lbs. / day lbs. / day	1 1	COMP
Anthracene	Sample Permit	<	0.01568 0.01692	<	0.01725 0.04186	lbs. / day lbs. / day	1 1	COMP
Bis (2-Ethylhexyl) phthalate	Sample Permit		0.03818 0.08462		0.04200 0.22980	lbs. / day lbs. / day	1 1	COMP
Di-n-butyl phthalate	Sample Permit	<	0.01500 0.01781	<	0.01650 0.03830	lbs. / day lbs. / day	1 1	COMP
Diethyl phthalate	Sample Permit	<	0.01909 0.04097	<	0.02100 0.10065	lbs. / day lbs. / day	1 1	COMP
Dimethyl phthalate	Sample Permit	<	0.01909 0.01692	<	0.02100 0.04186	lbs. / day lbs. / day	1 1	COMP
Fluoranthene	Sample Permit	<	0.01296 0.01960	<	0.01425 0.04810	lbs. / day lbs. / day	1 1	COMP
Fluorene	Sample Permit	<	0.02046 0.01692	<	0.02250 0.04186	lbs. / day lbs. / day	1 1	COMP
Naphthalene	Sample Permit	<	0.01636 0.01692	<	0.01800 0.04186	lbs. / day lbs. / day	1 1	COMP
Phenanthrene	Sample Permit	<	0.01500 0.01692	<	0.01650 0.04186	lbs. / day lbs. / day	1 1	COMP
Pyrene	Sample Permit	<	0.01296 0.01781	<	0.01425 0.04275	lbs. / day lbs. / day	1 1	COMP

Certification of Non-use if applicable (use additional sheets)

N/A

Compliance or non compliance statement with compliance schedule (use additional sheets if necessary) for every parameter used.

SUN CHEMICAL is reporting compliance with all
PARAMETERS of 40 CFR 414 SUBPART 11.

Explain Method for preserving samples

SEE letter FROM GENERAL TESTING LABS

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

403.6(a)(2)(ii) revised by 53 FR 40610, October 17, 1988

Dennis Morrison

Signature of Principal
Executive or Authorized Agent

Dennis Morrison

PLANT MANAGER

Type Name and Title

July 3, 1996

Date

SunChemical

Pigments Division
Sun Chemical Corporation
185 Foundry Street
Newark NJ 07105
201 344 4879
201 344 6875 Fax

August 1, 1996

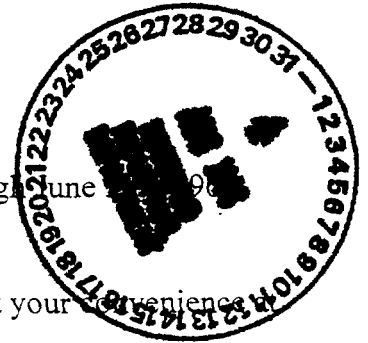
Passaic Valley Sewerage Commissioners
600 Wilson Avenue
Newark, New Jersey 07105
ATTN: Industrial and Pollution

RE: MR-1 Report for June 1996

Mr. D'Ascensio:

Enclosed please find an MR-1 report for the period covering June 1 through June 30, 1996
or the SunChemical Corporation facility located at the above address.

If you have any questions regarding this information, please contact me at your convenience.
(201) 344-4879.



Very Truly Yours,

Dennis Morrison
Plant Manager

cc:	J. Wiedow	w/o encl.
	R. Sharkey	w/ encl.
	A. Shearer	w/o encl.

843710194

Name SUN CHEMICAL
 Mailing Address 185 FOUNDRY ST NEWARK N.J. 07105
 Facility Location 185 FOUNDRY ST NEWARK N.J 07105
 Category & Subpart 40CFR 414 SUBPART H Outlet # 20401042-44100-020
 Contact Official DENNIS MORRISON Telephone # 201-344-4879

Monitoring Period					
6	1	96	6	30	96
Mo.	Day	Yr.	Mo.	Day	Yr.
Start			End		
Production rate (if applicable)					

For Reporting Period
 Regulated flow-gal/day 81776 ^{AVG} 89953 ^{MAX}
 Total Flow-gal/day 86950 95645
 Method used
TOTAL INCOMING CITY WATER - 5% for
EVAPORATION - SANITARY DISCHARGE
DIVIDED BY NUMBER OF DAYS WORKED.

Parameter		Mass Limit or Concentration			No. of Samples	Sample type Comp./gral
		Average	Maximum	Units		
	Sample measurement					
	Permit requirement					
	Sample measurement					
	Permit requirement					
	Sample measurement					
	Permit requirement					
	Sample measurement					
	Permit requirement					
	Sample measurement					
	Permit requirement					
	Sample measurement					
	Permit requirement					
	Sample measurement					
	Permit requirement					

PVSC Form MR-1 Rev. 4 6/87 P1

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See ATTACHED

NOTE: No modifications have been made
 to the plot plan during this period

Monthly Water Calculation
June 1996

Water Meter Readings

<u>Date</u>	<u>Meter 1(Ft3)</u>	<u>Meter 2(Ft3)</u>	<u>Meter 3(gal)</u>
June 1	0192520	47180870	1524200
June 30	0251230	47470890	1549000
Difference	58710	290020	24800

Total Gallons = [Meter 1(Ft3) + Meter 2(Ft3)]. x 7.48 = 2,608,500 gallons

Minus 5% Evaporation = 130,425 gallons

Minus sanitary discharge = Meter 3(gal) = 24,800 gallons

Total Regulated Flow = 2,453,275 gallons

July 31, 1996

Sun Chemical
185 Foundry Street Newark, N.J. 07105
Permit # 20401042-44100-0201

Month of June 1996

	<i>Average Water Value</i>	<i>Maximum Water Value</i>
<i>Water Volume of period</i>	2,453,275	2,698,603
<i>Working days</i>	30	30
<i>Average Gallons / Day</i>	81,776	89,953
<i>Million Gallons / Day</i>	0.0818	0.0900

<u>Parameter</u>			<u>Monthly Average</u>		<u>Daily Maximum</u>	<u>Units</u>	<u># samples</u>	<u>sample type</u>
1,2 Dichlorobenzene	Sample Permit	<	0.01910 0.17457	<	0.02101 0.70721	lbs. / day lbs. / day	1 1	COMP
1,3 Dichlorobenzene	Sample Permit	<	0.02046 0.12648	<	0.02251 0.33846	lbs. / day lbs. / day	1 1	COMP
1,4 Dichlorobenzene	Sample Permit	<	0.01773 0.12648	<	0.01951 0.33846	lbs. / day lbs. / day	1 1	COMP
1,1 Dichloroethylene	Sample Permit	<	0.01364 0.01960	<	0.01500 0.05344	lbs. / day lbs. / day	1 1	GRAB
1,2 trans-Dichloroethylene	Sample Permit	<	0.01910 0.02227	<	0.02101 0.05879	lbs. / day lbs. / day	1 1	GRAB
1,2 Dichloropropane	Sample Permit	<	0.00682 0.17457	<	0.00750 0.70721	lbs. / day lbs. / day	1 1	GRAB
1,3 Dichloropropylene	Sample Permit	<	0.00048 0.17457	<	0.00053 0.70721	lbs. / day lbs. / day	1 1	GRAB
1,2 Dichloroethane	Sample Permit	<	0.01364 0.16032	<	0.01500 0.51125	lbs. / day lbs. / day	1 1	GRAB
1,1,1 Trichloroethane	Sample Permit	<	0.01023 0.01960	<	0.01125 0.05255	lbs. / day lbs. / day	1 1	GRAB
Hexachloroethane	Sample Permit	<	0.01569 0.17457	<	0.01725 0.70721	lbs. / day lbs. / day	1 1	COMP
Methylene Chloride	Sample Permit	<	0.00027 0.03206	<	0.00030 0.15142	lbs. / day lbs. / day	1 1	GRAB
Ethylbenzene	Sample Permit	<	0.00055 0.12648	<	0.00060 0.33846	lbs. / day lbs. / day	1 1	GRAB

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Methylchloride	Sample Permit	<	0.00682 0.09798	<	0.00750 0.26275	lbs. / day lbs. / day	1 1	GRAB
Hexachlorobutadiene	Sample Permit	<	0.01296 0.12648	<	0.01425 0.33846	lbs. / day lbs. / day	1 1	COMP
Nitrobenzene	Sample Permit		0.06820 1.99247		0.07502 5.70218	lbs. / day lbs. / day	1 1	COMP
2-Nitrophenol	Sample Permit	<	0.01773 0.05789	<	0.01951 0.20575	lbs. / day lbs. / day	1 1	COMP
4-Nitrophenol	Sample Permit	<	0.03274 0.14429	<	0.03601 0.51304	lbs. / day lbs. / day	1 1	COMP
4,6 Dinitro O-cresol	Sample Permit	<	0.01910 0.06947	<	0.02101 0.24672	lbs. / day lbs. / day	1 1	COMP
Tetrachloroethylene	Sample Permit	<	0.01910 0.04632	<	0.02101 0.14607	lbs. / day lbs. / day	1 1	COMP
Toluene	Sample Permit	<	0.01569 0.02494	<	0.01725 0.06591	lbs. / day lbs. / day	1 1	GRAB
Trichloroethylene	Sample Permit	<	0.01569 0.02316	<	0.01725 0.06146	lbs. / day lbs. / day	1 1	GRAB
Benzene	Sample Permit	<	0.01228 0.05077	<	0.01350 0.11935	lbs. / day lbs. / day	1 1	GRAB
Carbontetrachloride	Sample Permit	<	0.01023 0.12648	<	0.01125 0.33846	lbs. / day lbs. / day	1 1	GRAB
1,2,4 Trichlorobenzene	Sample Permit	<	0.01978 0.17457	<	0.02176 0.70721	lbs. / day lbs. / day	1 1	COMP
Chlorobenzene	Sample Permit	<	0.01023 0.12648	<	0.01125 0.33846	lbs. / day lbs. / day	1 1	GRAB
Hexachlorobenzene	Sample Permit	<	0.01500 0.17457	<	0.01650 0.70721	lbs. / day lbs. / day	1 1	COMP
1,1 Dichloroethane	Sample Permit	<	0.01569 0.01960	<	0.01725 0.05255	lbs. / day lbs. / day	1 1	GRAB
1,1,2 Trichloroethane	Sample Permit	<	0.02728 0.02850	<	0.03001 0.11312	lbs. / day lbs. / day	1 1	GRAB
Chloroethane	Sample Permit	<	0.02387 0.09798	<	0.02626 0.26275	lbs. / day lbs. / day	1 1	COMP
Chloroform	Sample Permit	<	0.01228 0.09887	<	0.01350 0.28947	lbs. / day lbs. / day	1 1	GRAB

Vinyl Chloride	Sample Permit	<	0.01910 0.08640	<	0.02101 0.15320	lbs. / day lbs. / day	1 1	GRAB
Total cyanide	Sample Permit	<	0.00682 0.37409	<	0.00750 1.06882	lbs. / day lbs. / day	1 1	GRAB
Total lead - Not regulated per PVSC letter 1/31/95	Sample Permit	<	0.00000 Not Regulated	<	0.00000 Not Regulat	lbs. / day lbs. / day	1 1	COMP
Total zinc	Sample Permit		0.19369 0.93522		0.21306 2.32469	lbs. / day lbs. / day	1 1	COMP
Acenaphthene	Sample Permit	<	0.01637 0.01692	<	0.01801 0.04186	lbs. / day lbs. / day	1 1	COMP
Anthracene	Sample Permit	<	0.01500 0.01692	<	0.01650 0.04186	lbs. / day lbs. / day	1 1	COMP
Bis (2-Ethylhexyl) phthalate	Sample Permit		0.03478 0.08462		0.03826 0.22980	lbs. / day lbs. / day	1 1	COMP
Di-n-butyl phthalate	Sample Permit	<	0.01432 0.01781	<	0.01575 0.03830	lbs. / day lbs. / day	1 1	COMP
Diethyl phthalate	Sample Permit	<	0.01773 0.04097	<	0.01951 0.10065	lbs. / day lbs. / day	1 1	COMP
Dimethyl phthalate	Sample Permit	<	0.01773 0.01692	<	0.01951 0.04186	lbs. / day lbs. / day	1 1	COMP
Fluoranthene	Sample Permit	<	0.01228 0.01960	<	0.01350 0.04810	lbs. / day lbs. / day	1 1	COMP
Fluorene	Sample Permit	<	0.01910 0.01692	<	0.02101 0.04186	lbs. / day lbs. / day	1 1	COMP
Naphthalene	Sample Permit	<	0.01569 0.01692	<	0.01725 0.04186	lbs. / day lbs. / day	1 1	COMP
Phenanthrene	Sample Permit	<	0.01432 0.01692	<	0.01575 0.04186	lbs. / day lbs. / day	1 1	COMP
Pyrene	Sample Permit	<	0.01978 0.01781	<	0.02176 0.04275	lbs. / day lbs. / day	1 1	COMP

N/A

Compliance or non compliance statement with compliance schedule (use additional sheets if necessary) for every parameter used.

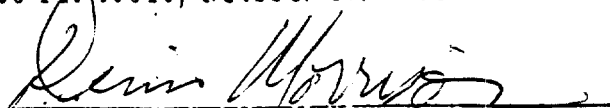
SUN CHEMICAL is reporting compliance with all
PARAMETERS of 40 CFR 414 SUBPART H.

Explain Method for preserving samples

SEE letter FROM GENERAL TESTING LABS

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

403.6(a)(2)(ii) revised by 53 FR 40610, October 17, 1988


Signature of Principal
Executive or Authorized Agent

Dennis Morrison
PLANT MANAGER
Type Name and Title

August 1, 1996
Date

SunChemical

Pigments Division

1000 Sun Chemical Drive
Newark, New Jersey 07102
Tel: (201) 344-4879
Fax: (201) 344-4879

August 20, 1996

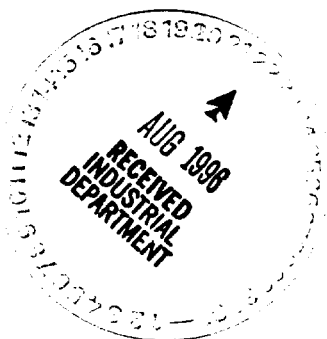
Passaic Valley Sewerage Commissioners
600 Wilson Avenue
Newark, New Jersey 07105
ATTN: Industrial and Pollution

RE: MR-2 Report for July 1996

Mr. D'Ascensio:

Enclosed please find an MR-2 report for the period covering July 1 through July 31, 1996 or the SunChemical Corporation facility located at the above address.

If you have any questions regarding this information, please contact me at your convenience at (201) 344-4879.



Very Truly Yours,

James Wiedow
James Wiedow
Environmental Manager

cc: D. Morrison w/o encl.
R. Sharkey w/ encl.
A. Shearer w/o encl.

843710201

Monthly Water Calculation
July 1996

RECEIVED
INDUSTRIAL
DEPARTMENT
AUG 1996

Water Meter Readings

<u>Date</u>	<u>Meter 1(Ft3)</u>	<u>Meter 2(Ft3)</u>	<u>Meter 3(gal)</u>
July 1	0251230	47470890	1549000
July 31	0310510	47776350	1566100
Difference	59280	305460	17100

Total Gallons = [Meter 1(Ft3) + Meter 2(Ft3)]. x 7.48 = 2,728.255 gallons

Minus 5% Evaporation = 136.413 gallons

Minus sanitary discharge = Meter 3(gal) = 17.100 gallons

Total Regulated Flow = 2,574.742 gallons

USER CHARGE SELF MONITORING REPORT

RECEIVED
 INDUSTRIAL
 DEPARTMENT
 AUG 1996

Name SUN CHEMICAL CORPORATION

Address 185 FOUNDRY STREET NEWARK, NEW JERSEY 07105

Facility Location 185 FOUNDRY STREET NEWARK, NEW JERSEY 07105


Outlet Designation (17 digits) 20401042-44100-201

Monitoring Period	
Start	End
7 01 96	7 31 96

Volume Discharged this Period

2,574,742 Gallons

Date	BOD 0310	TSS 0530	Date	BOD 0310	TSS 0530	
07/01/96	1,010	170				
07/02/96	2,250	176				
07/05/96	4,440	233				
07/08/96	4,080	27				
07/12/96	2,350	59				
07/15/96	493	171				
07/17/96	2,290	136				
07/19/96	2,510	116				
07/22/96	20,700	81				
07/24/96	6,360	57				
07/26/96	2,110	292				
07/29/96	4,280	69				
07/31/96	1,560	98				

Signature of Principal or Authorized Agent	Type name and title	Telephone number and Date
	Dennis Morrison Plant Manager	201-344-4879 August 20, 1996

